

FIG. 1

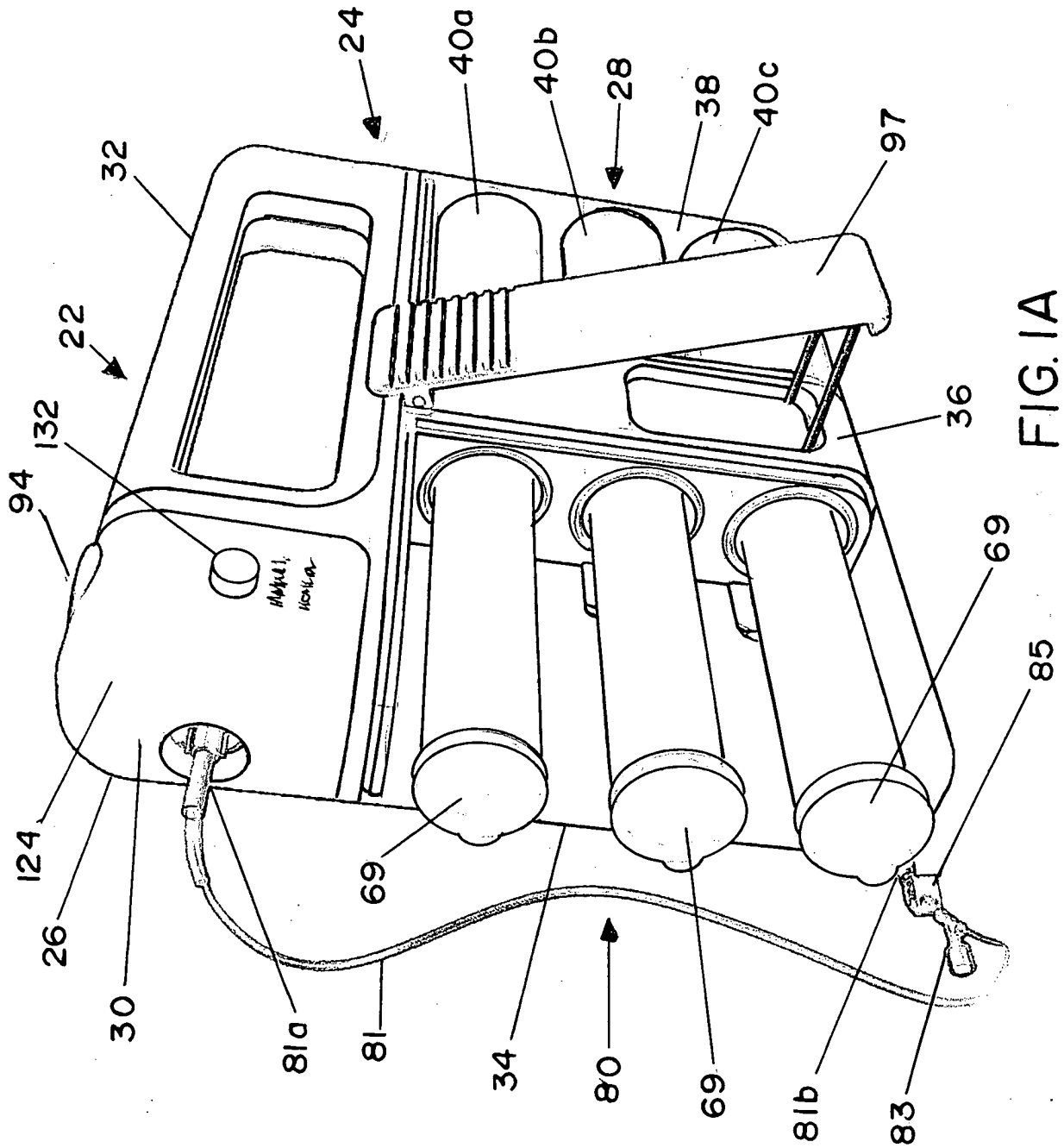


FIG. 1A

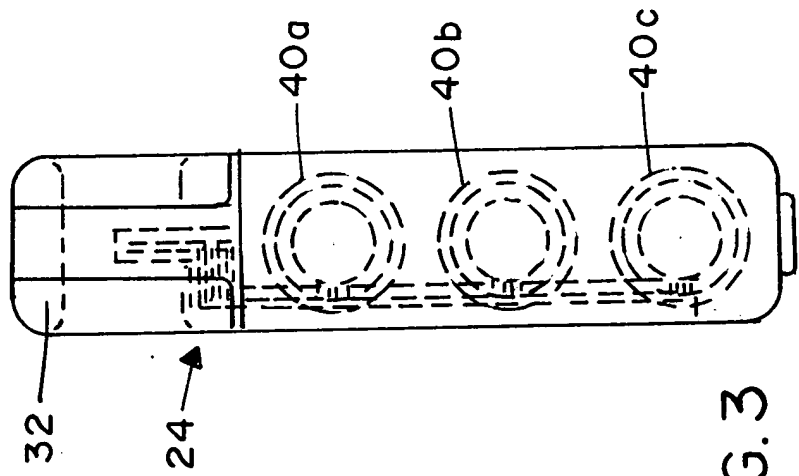
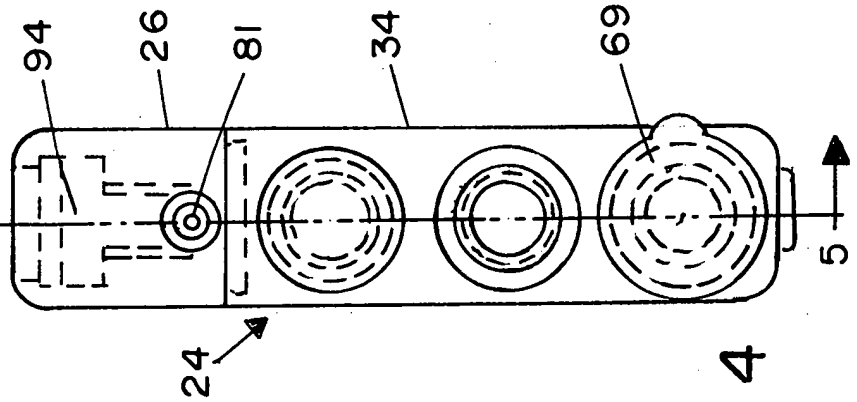
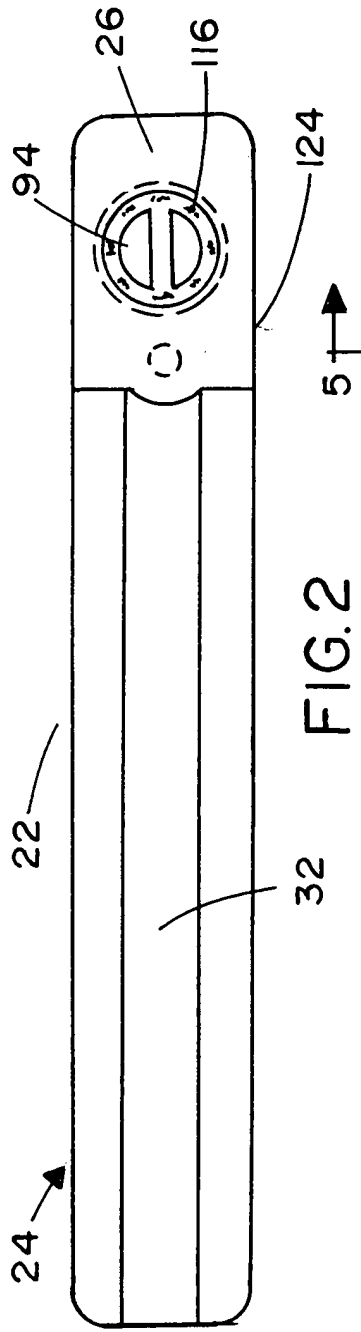


FIG. 5A

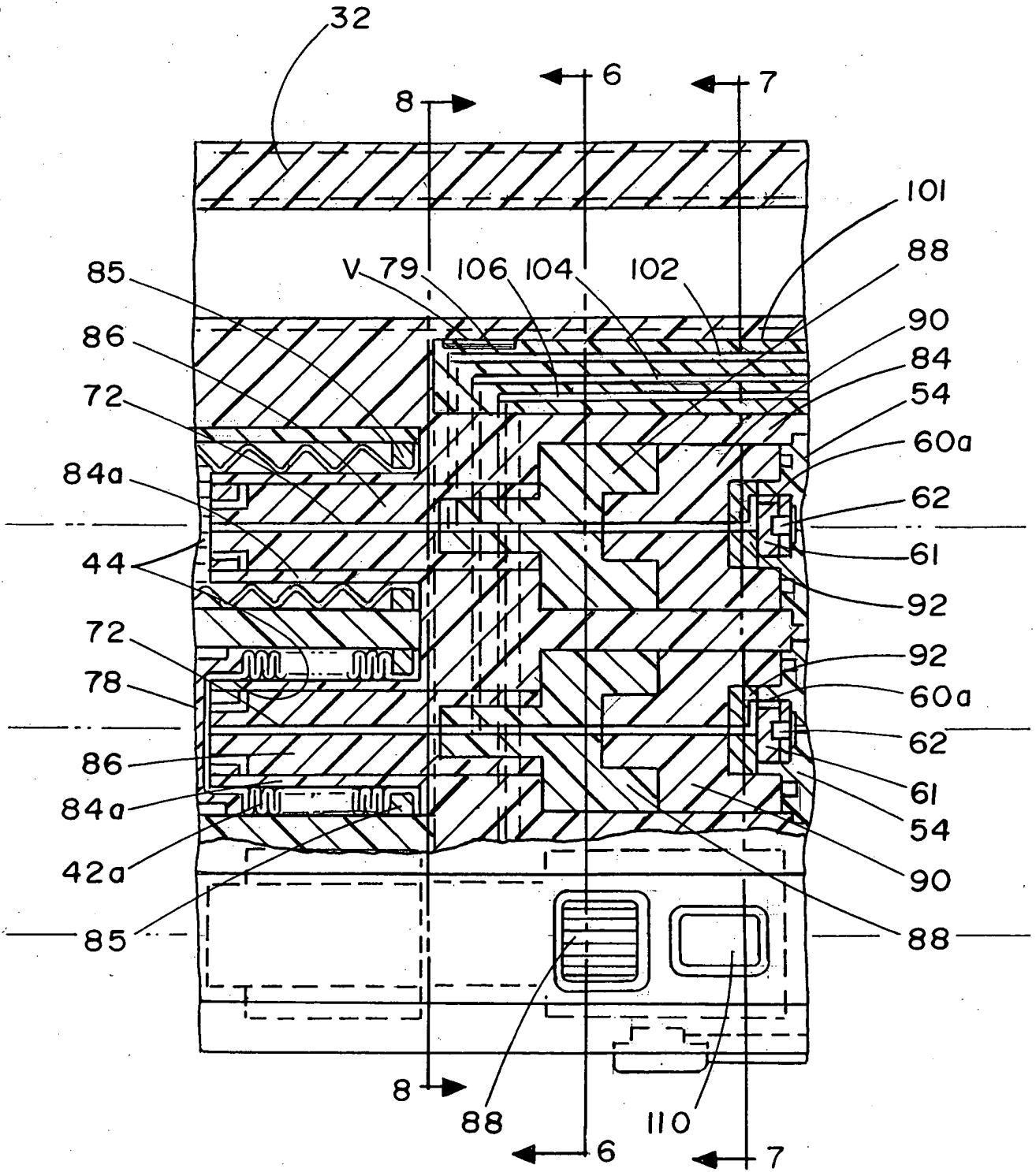


FIG. 5B

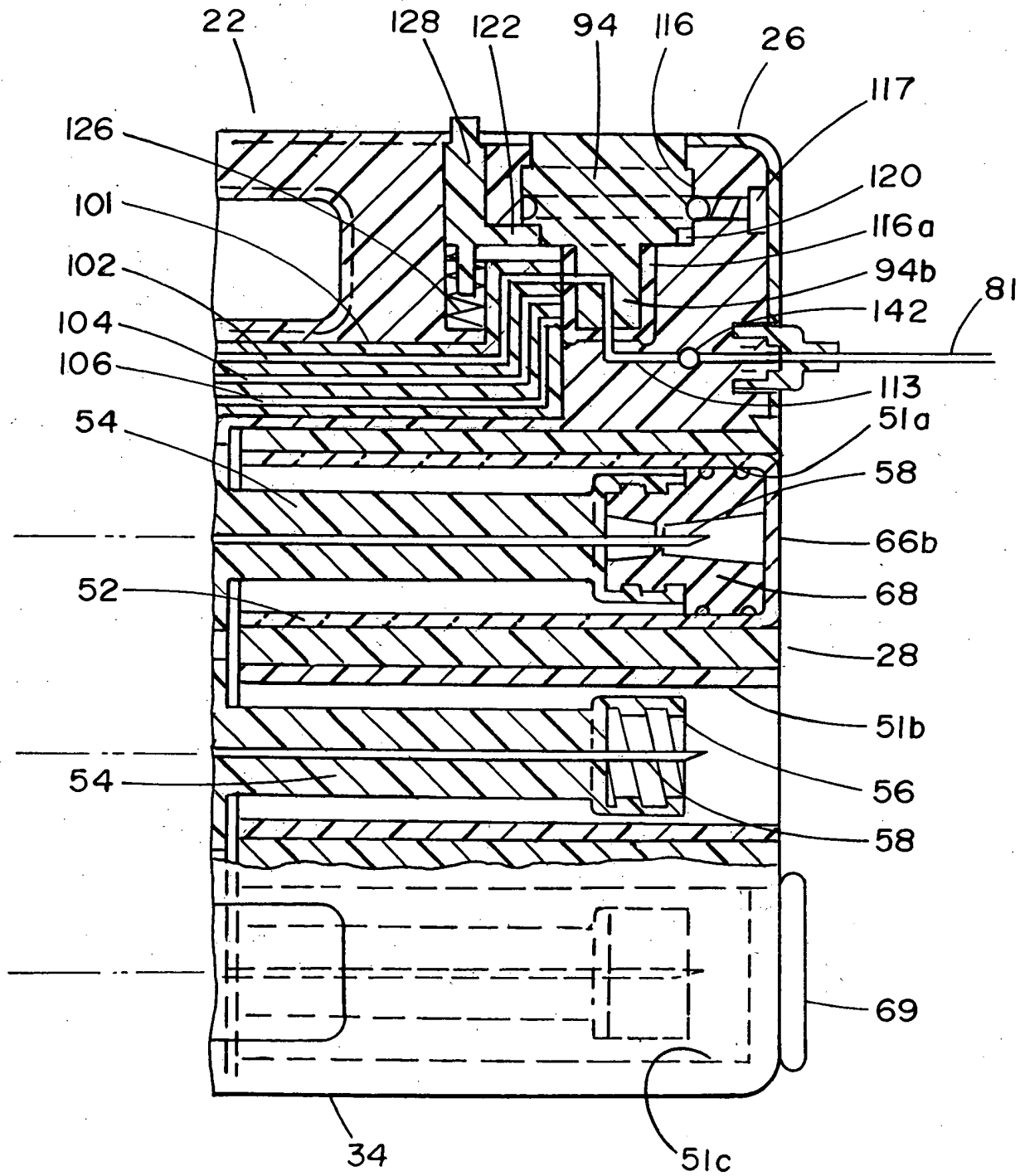


FIG. 5C

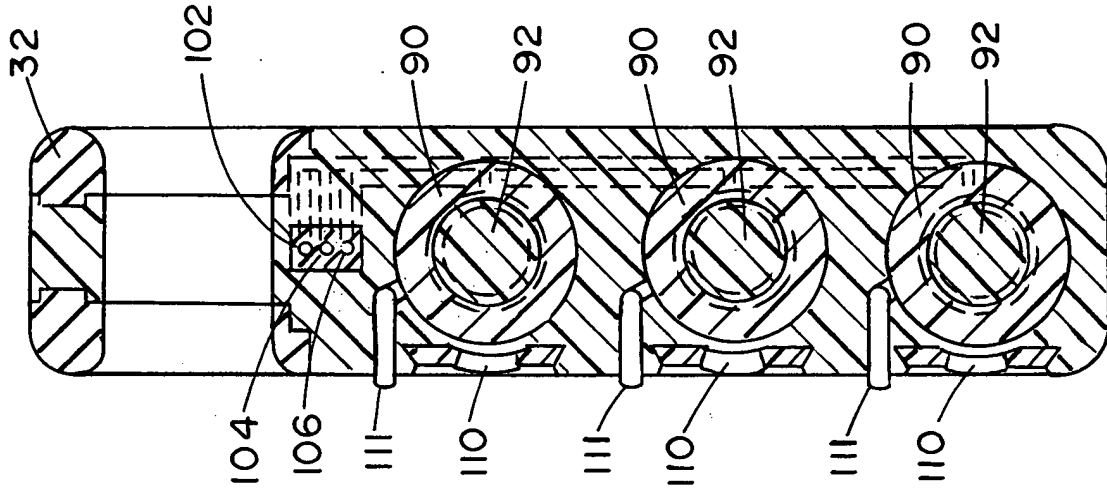


FIG. 7

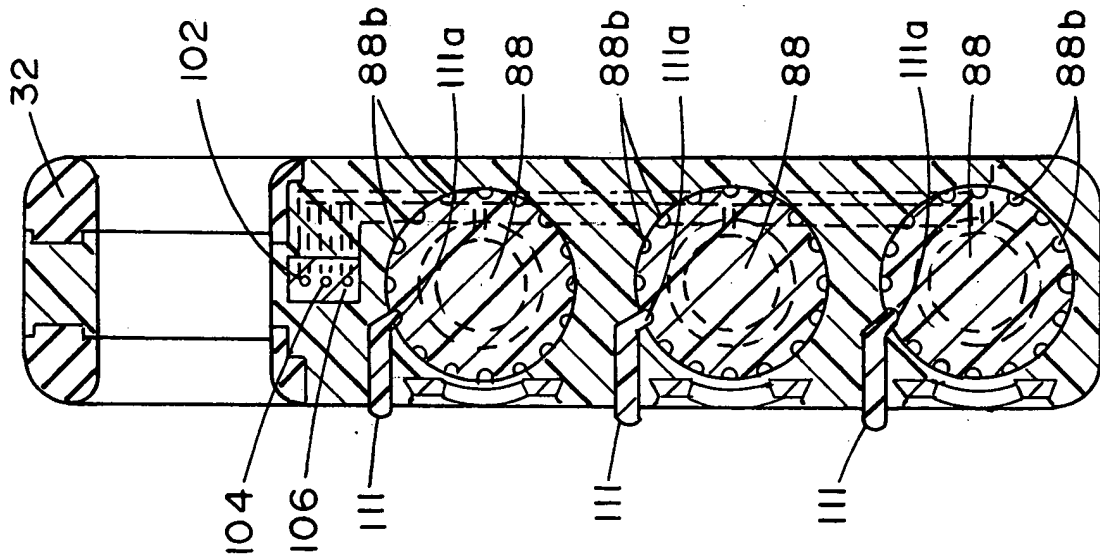
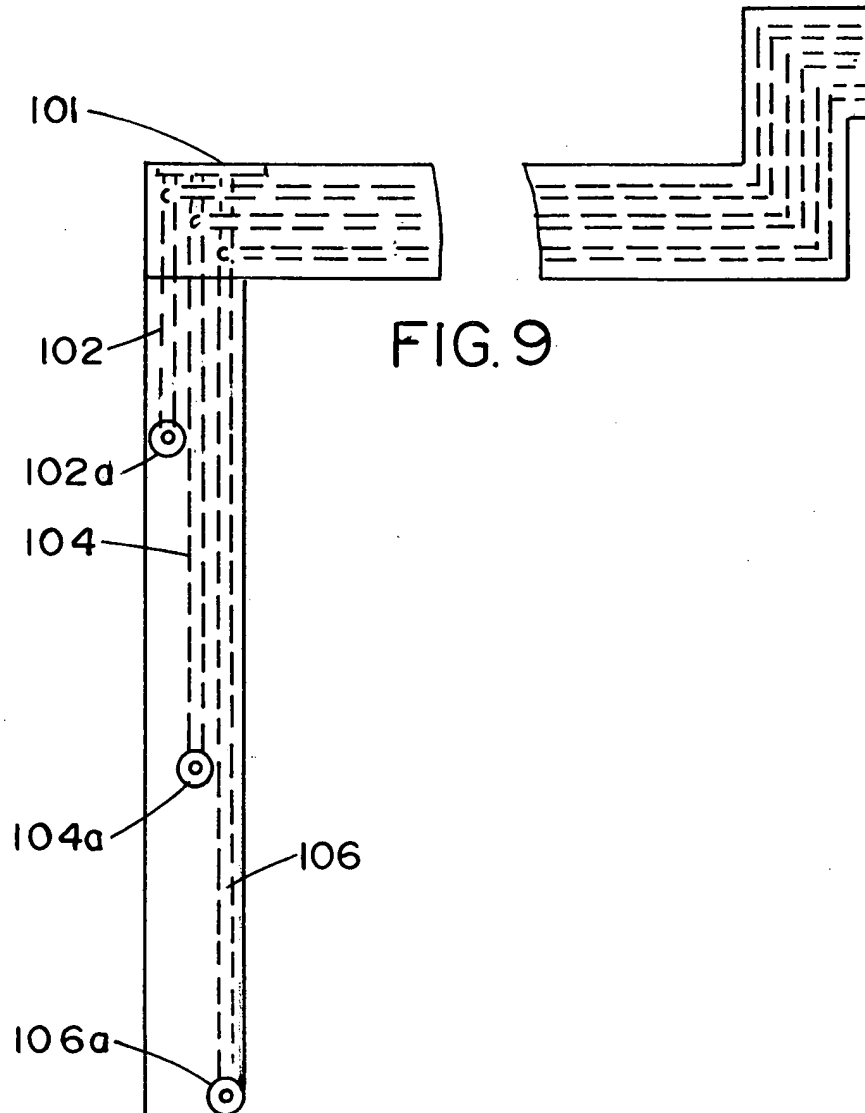
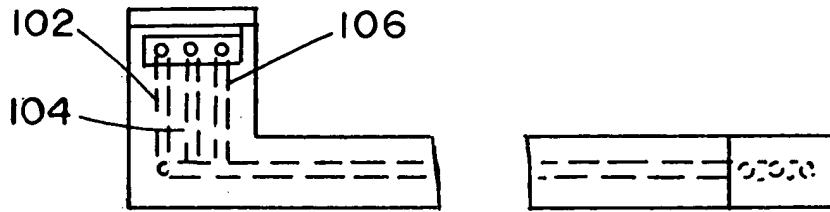


FIG. 6



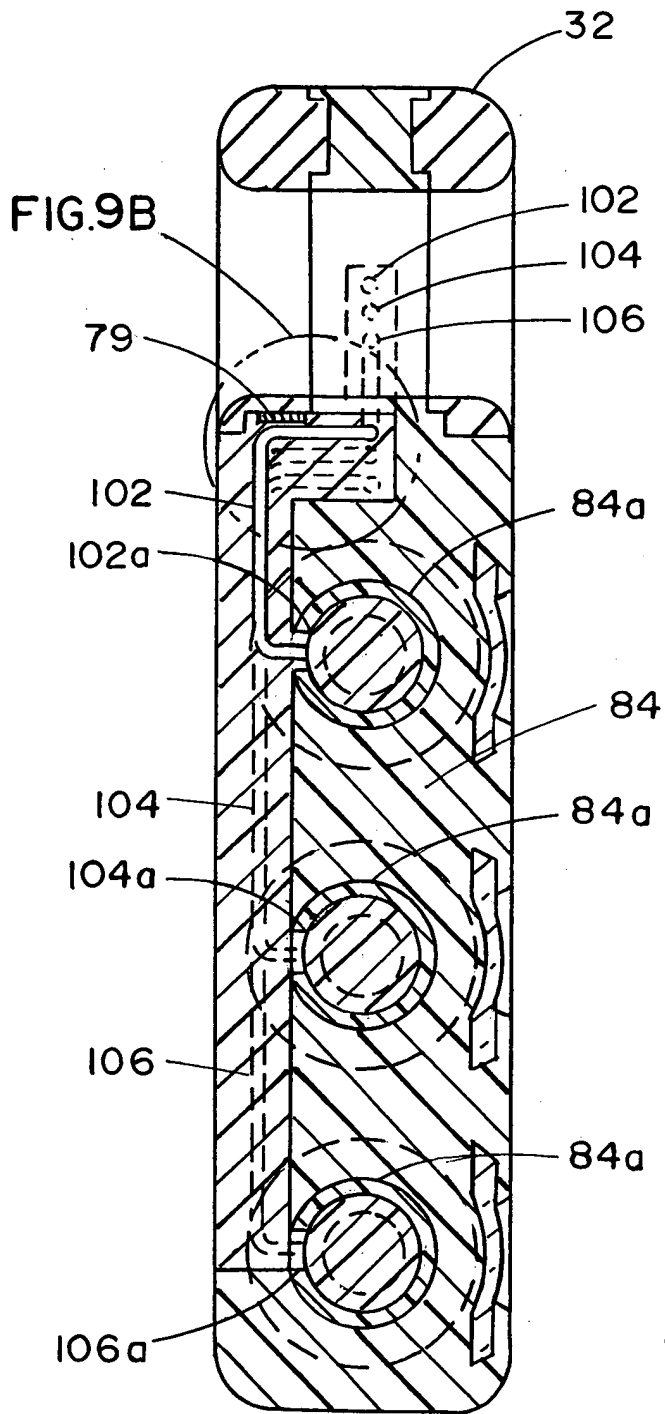


FIG. 8

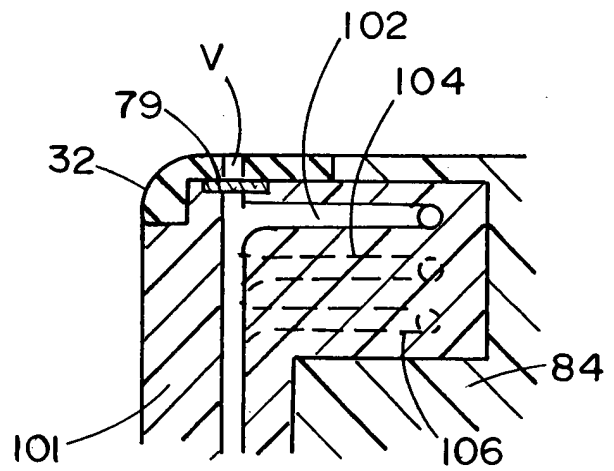


FIG. 9B

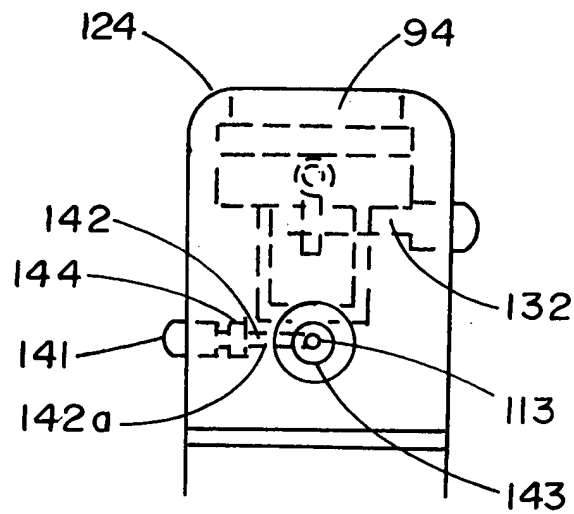


FIG. 10

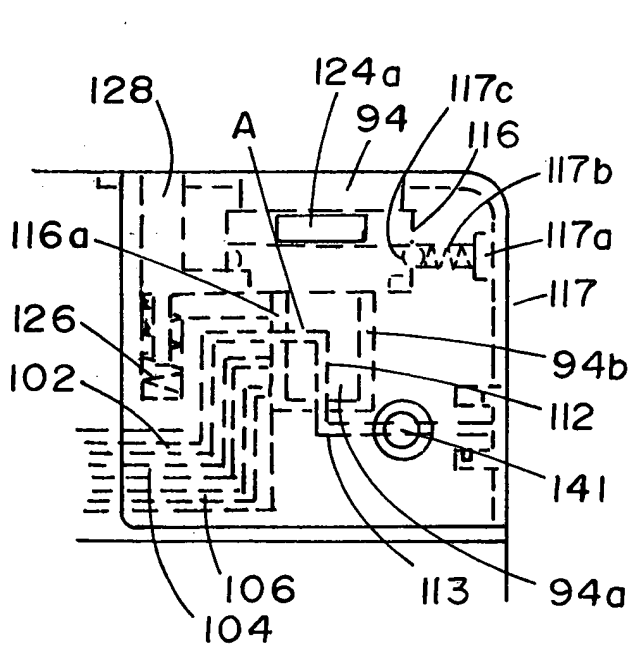


FIG. 11

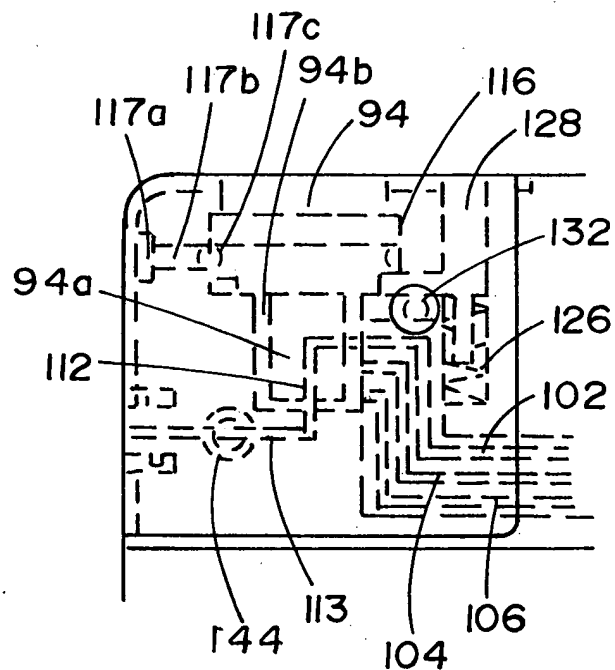


FIG. 12



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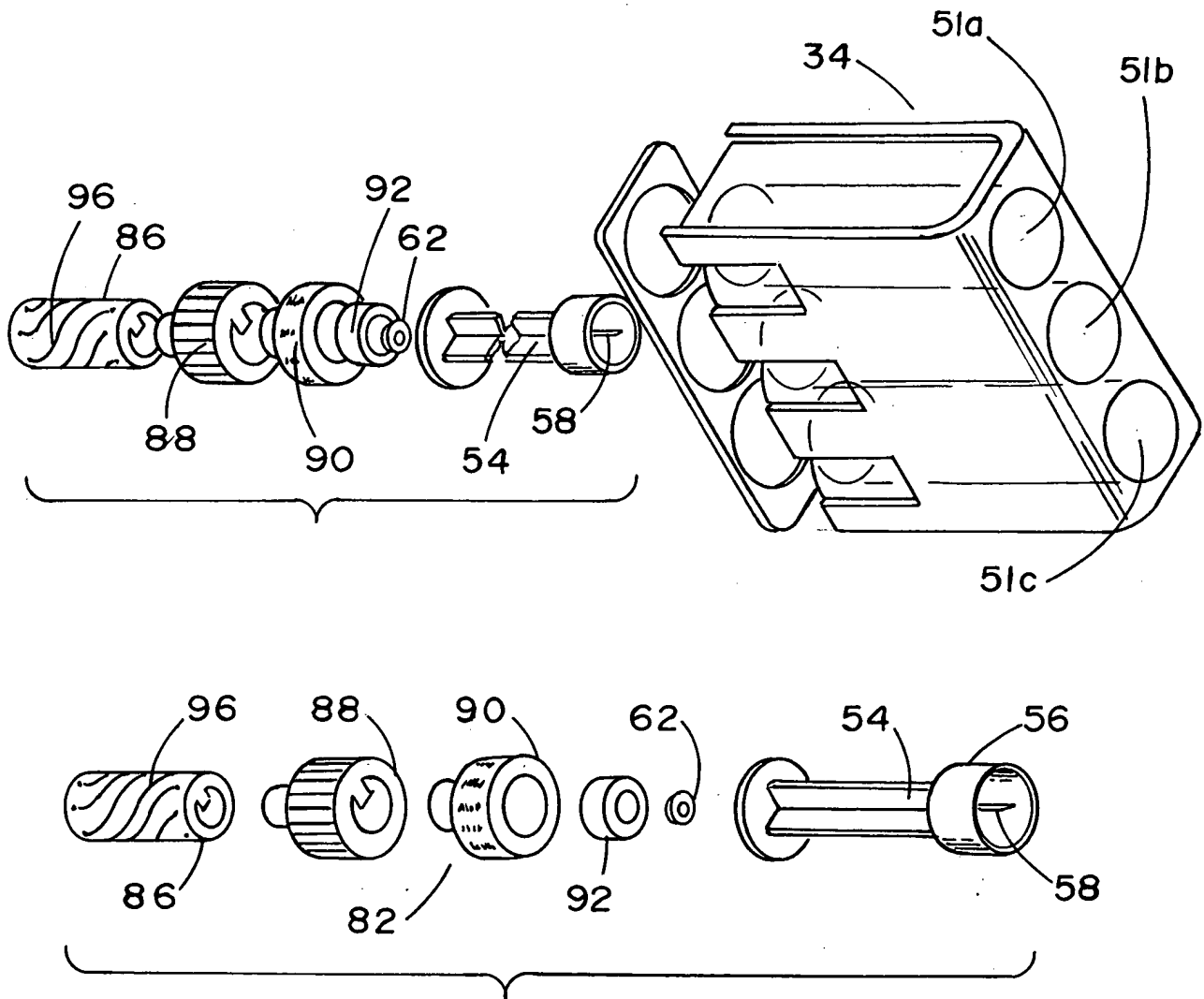
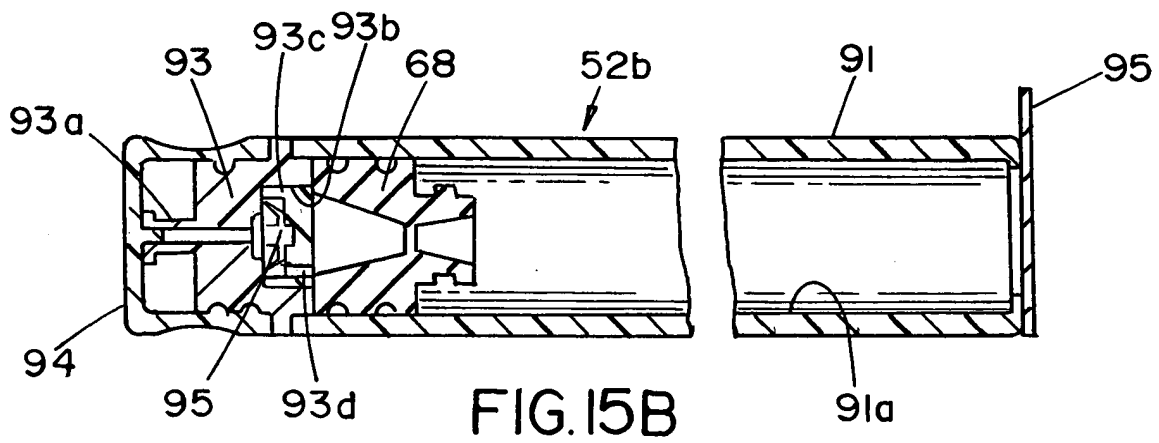
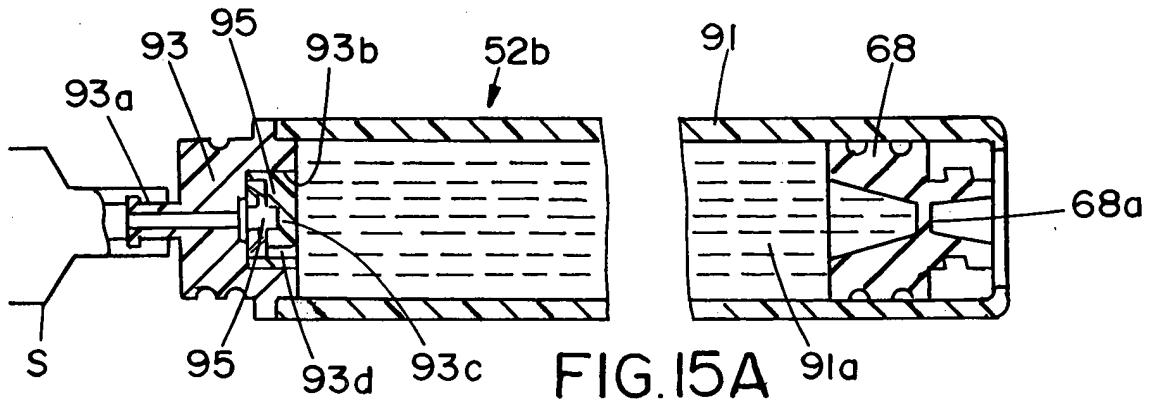
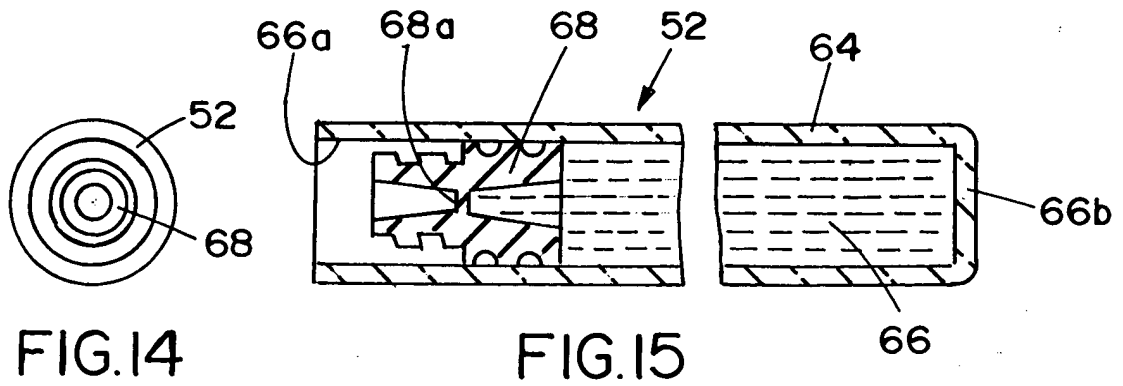


FIG. 13A

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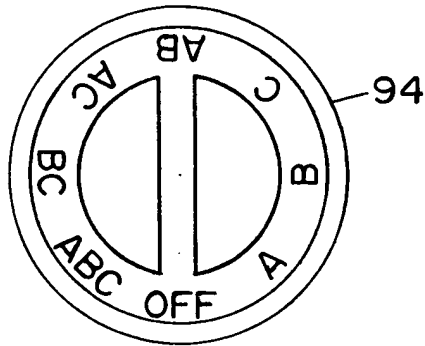


FIG. 16

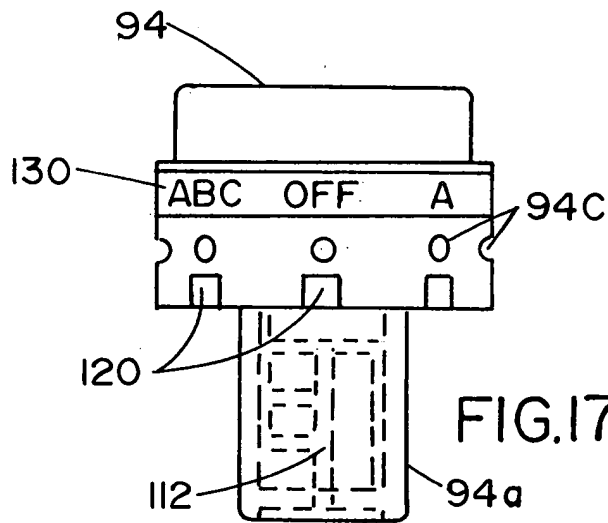


FIG. 17

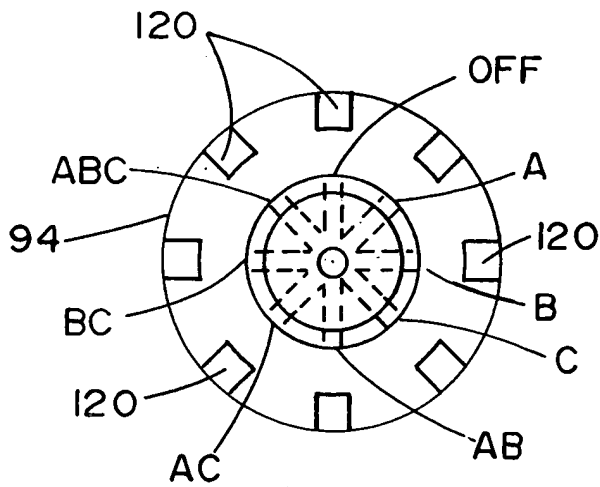


FIG. 18

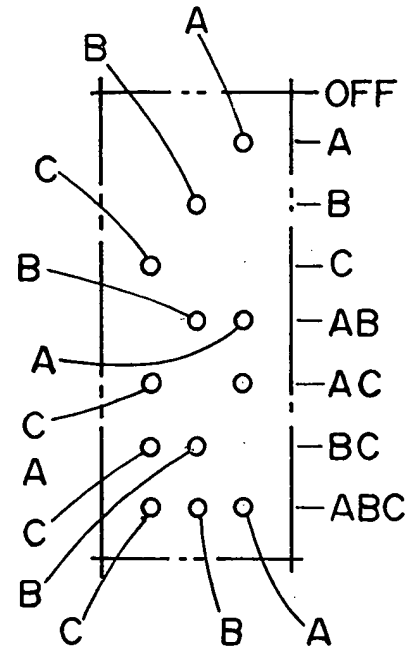
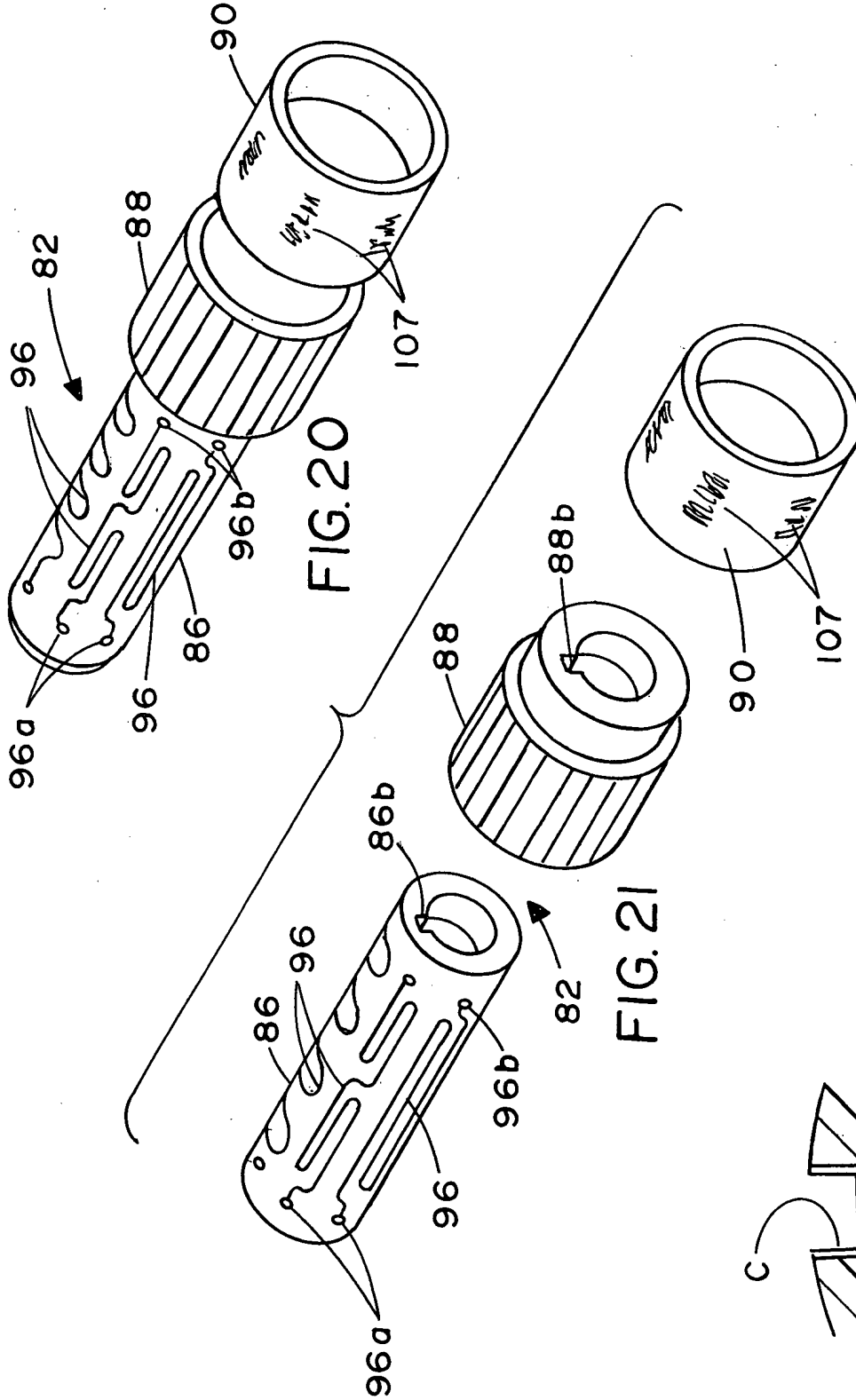
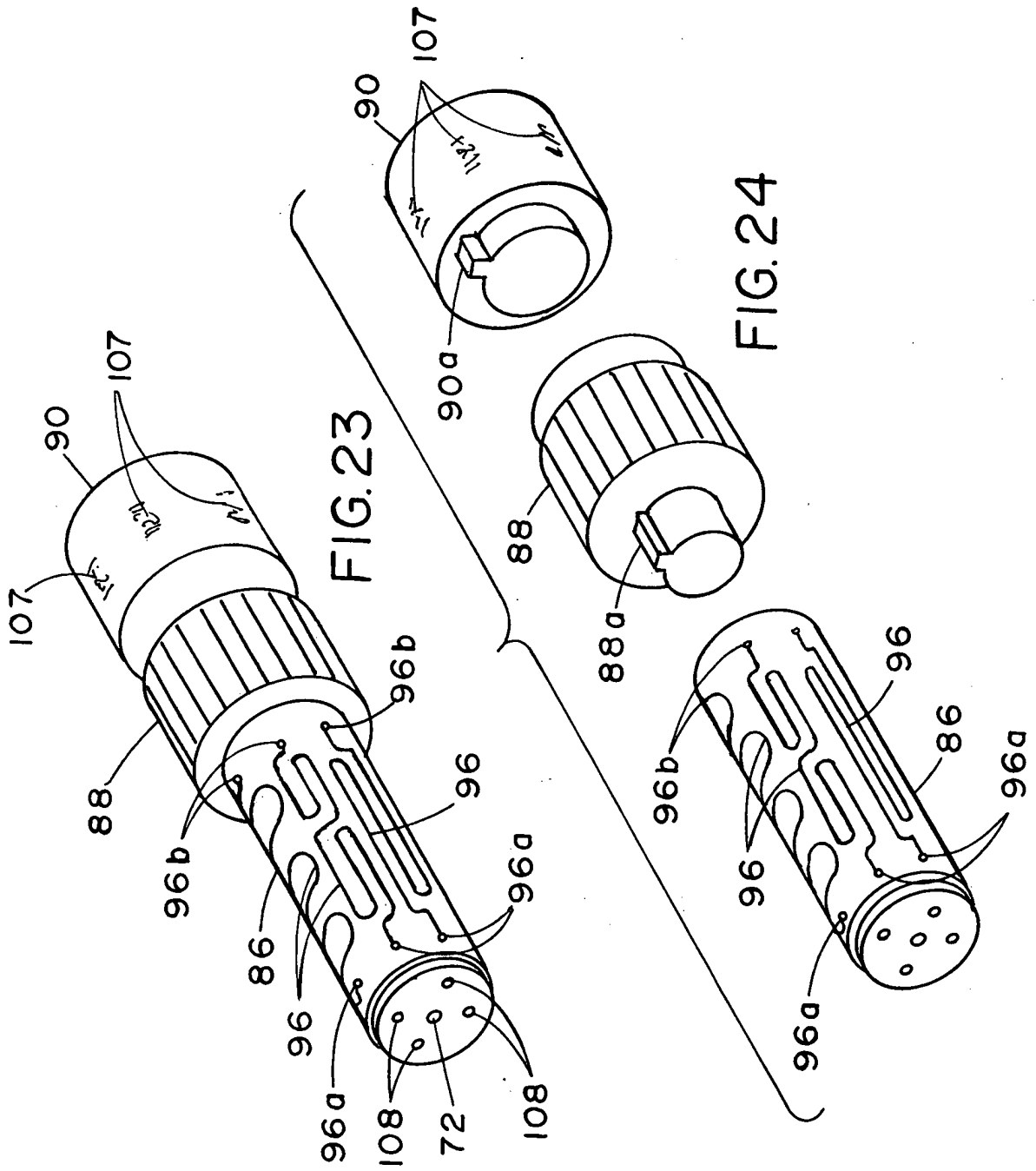
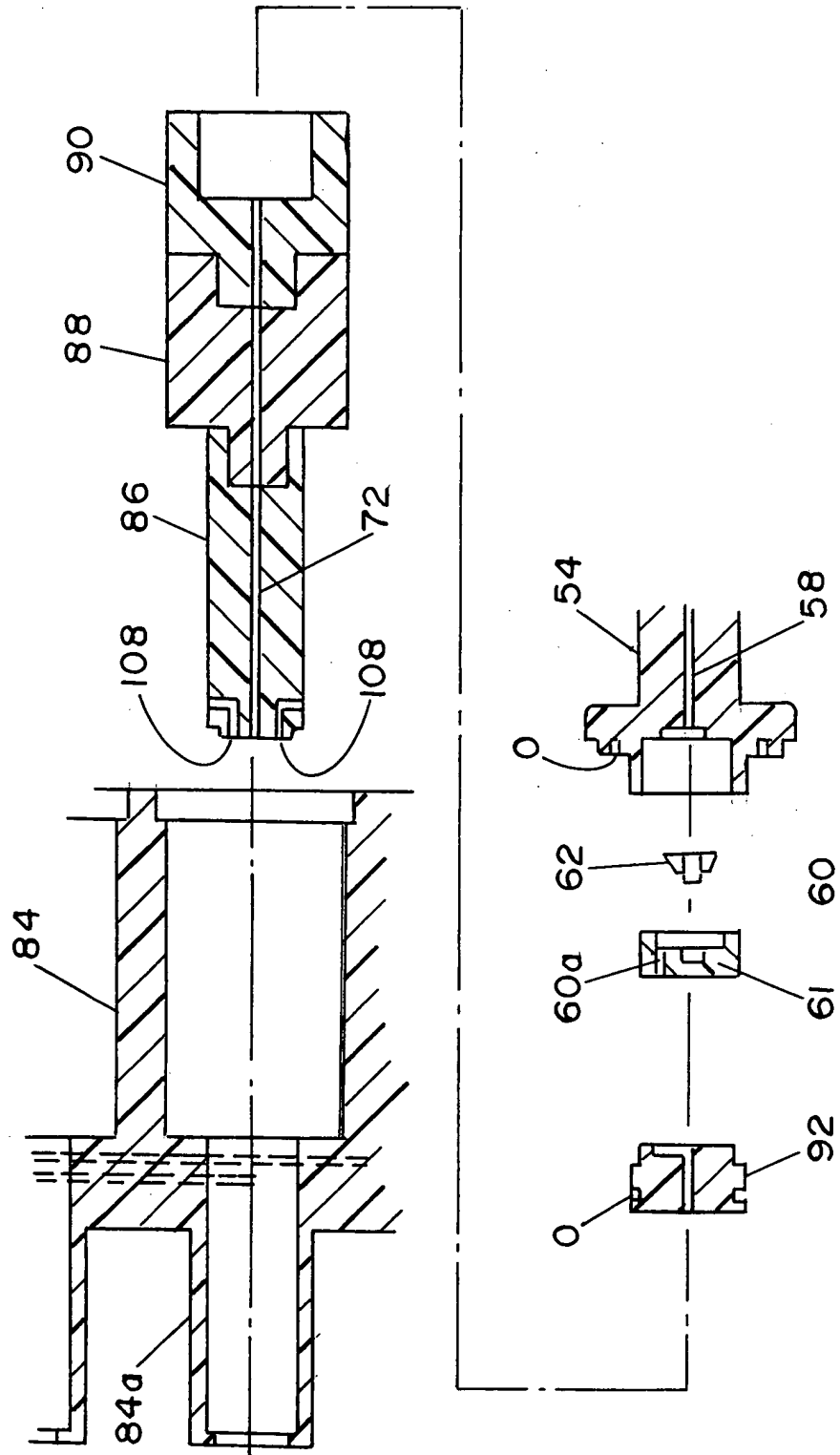


FIG. 19

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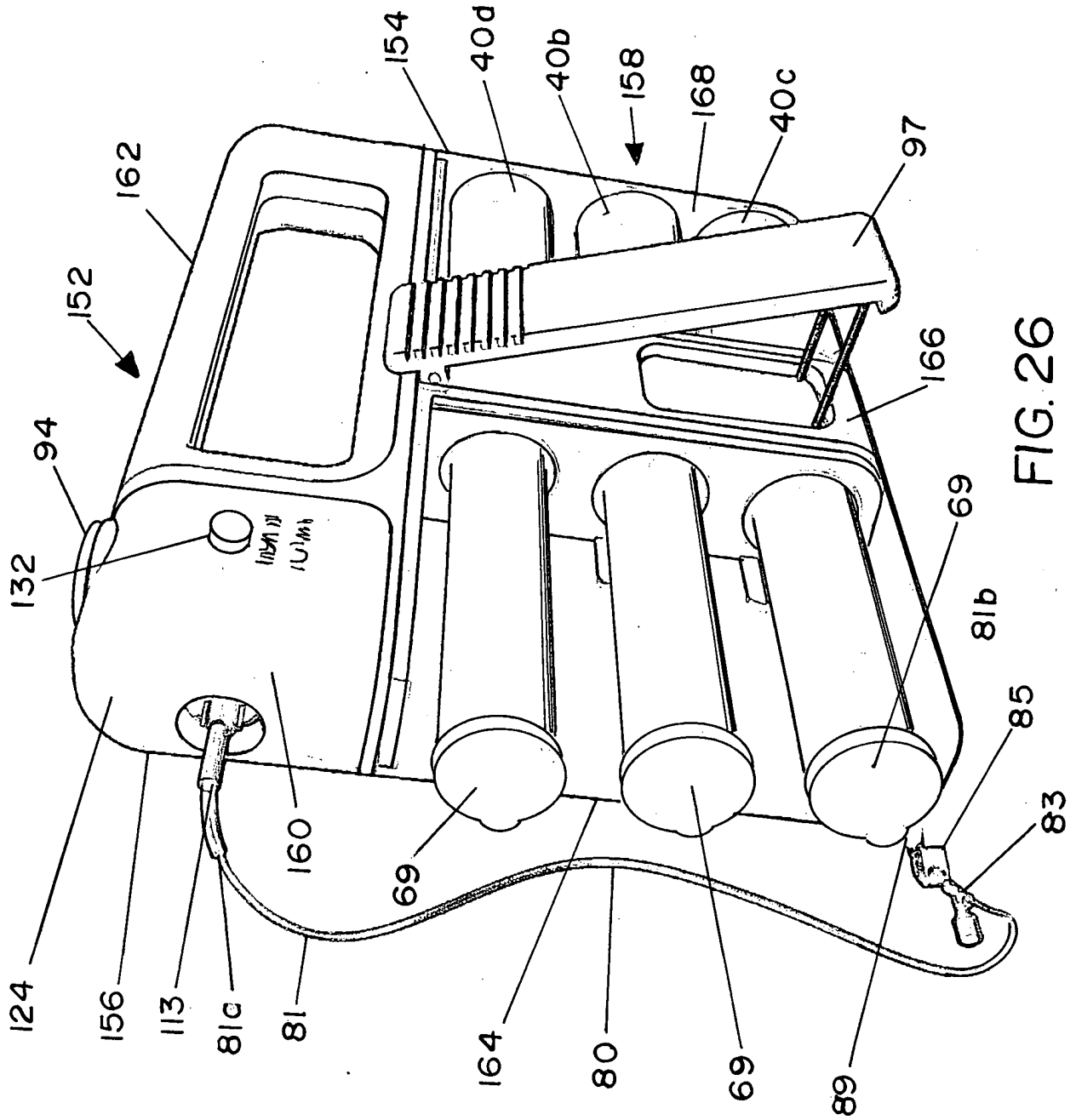


FIG. 26

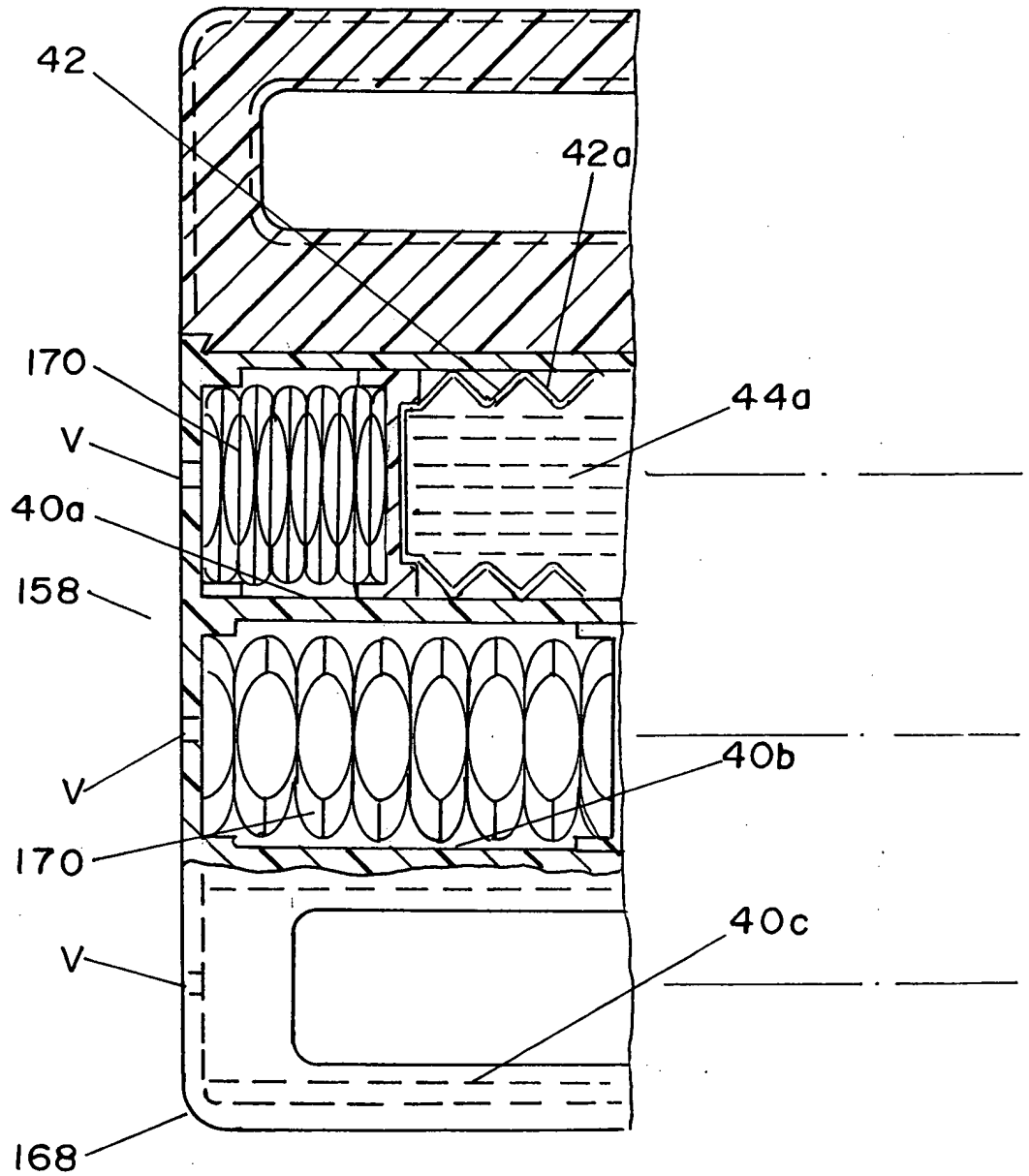


FIG. 27A

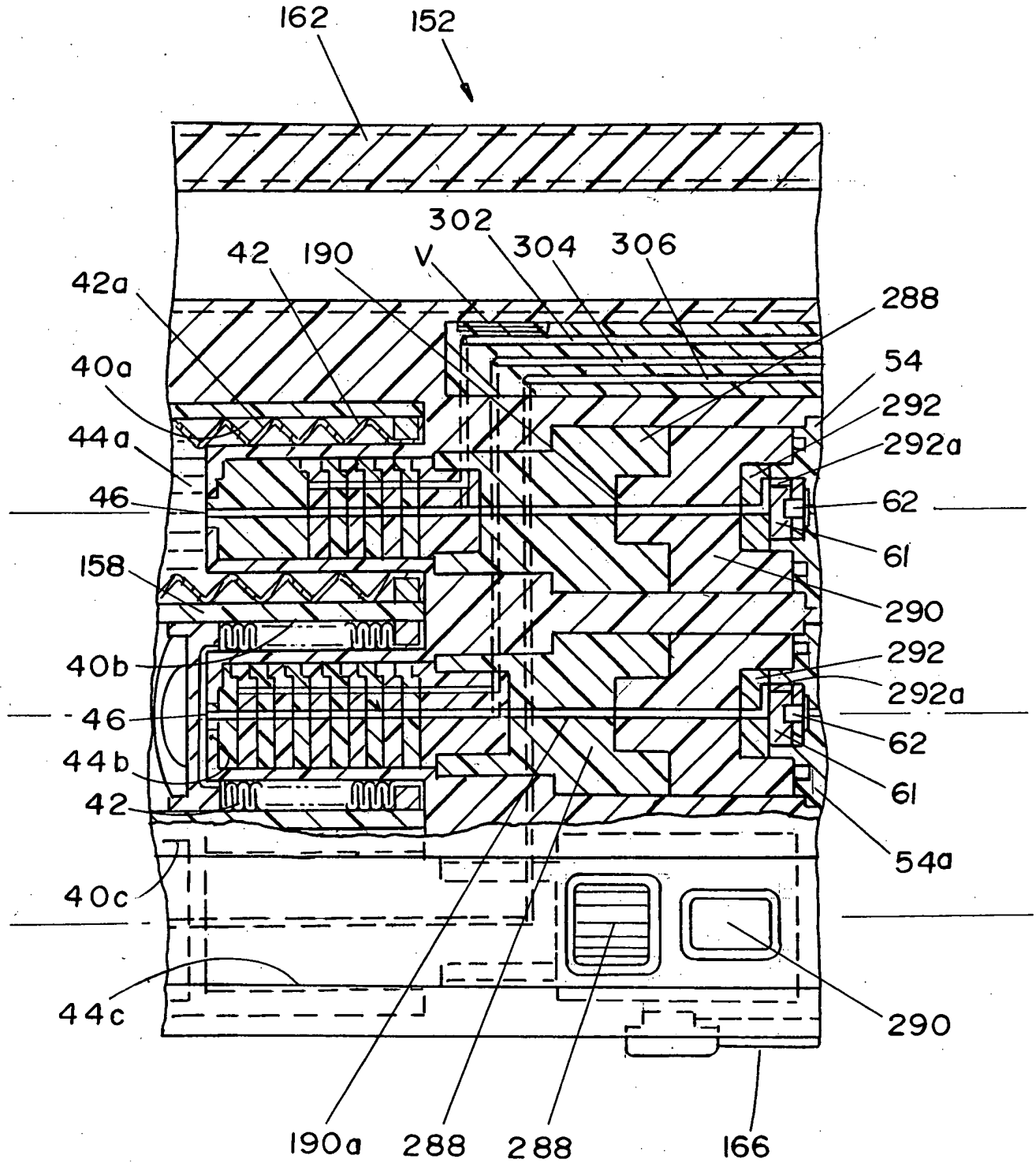


FIG. 27B

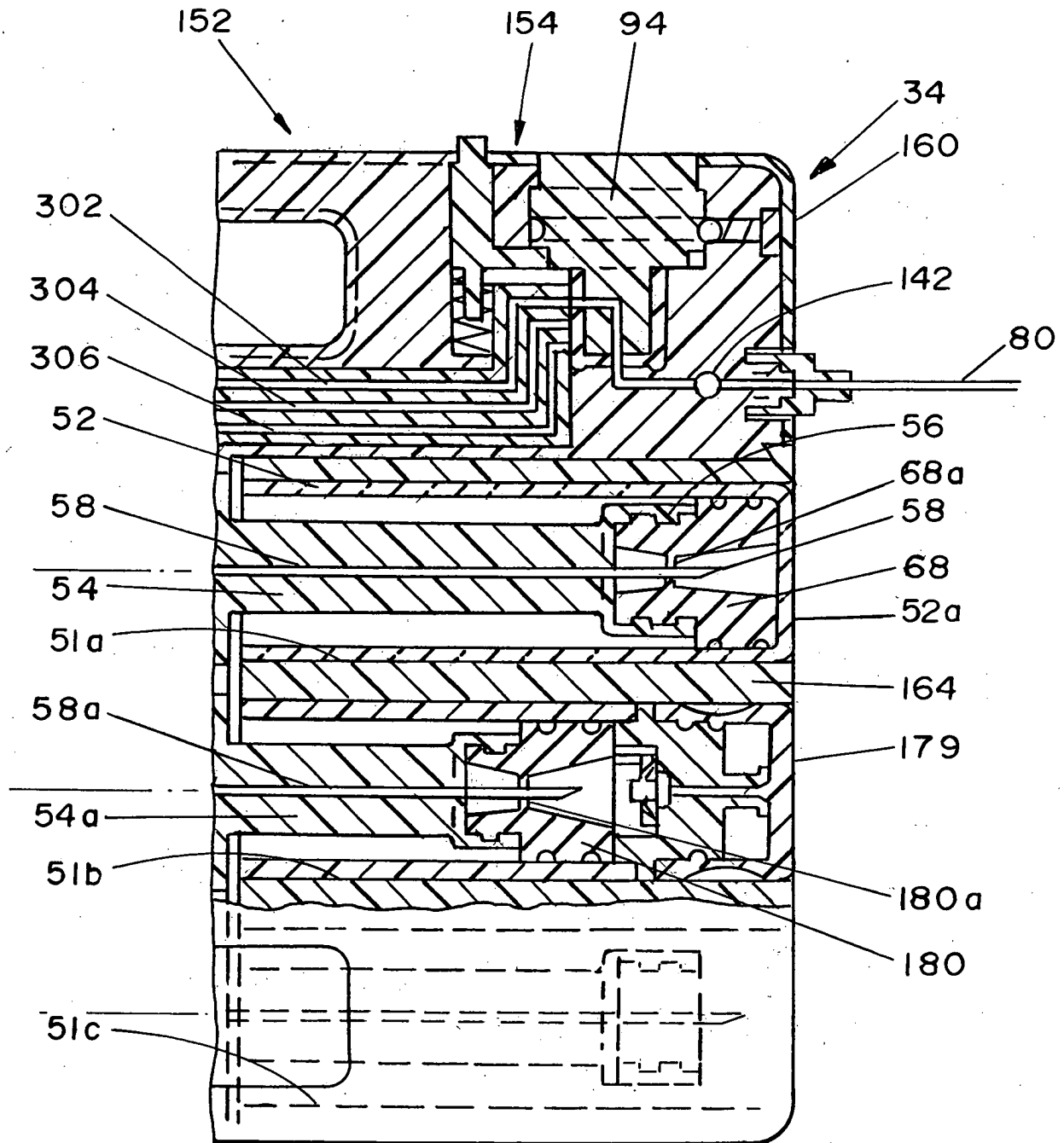


FIG. 27C

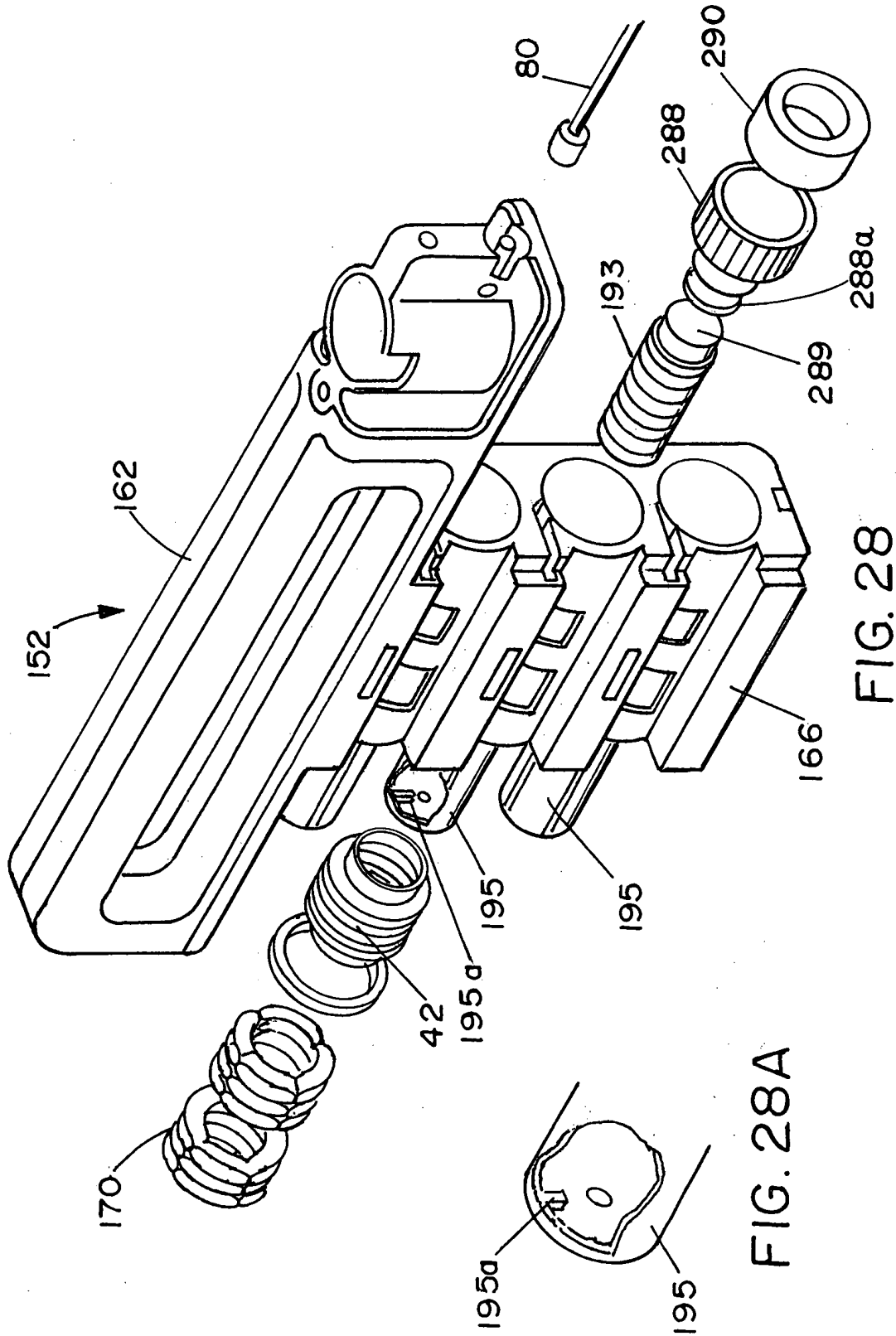


FIG. 28

FIG. 28A

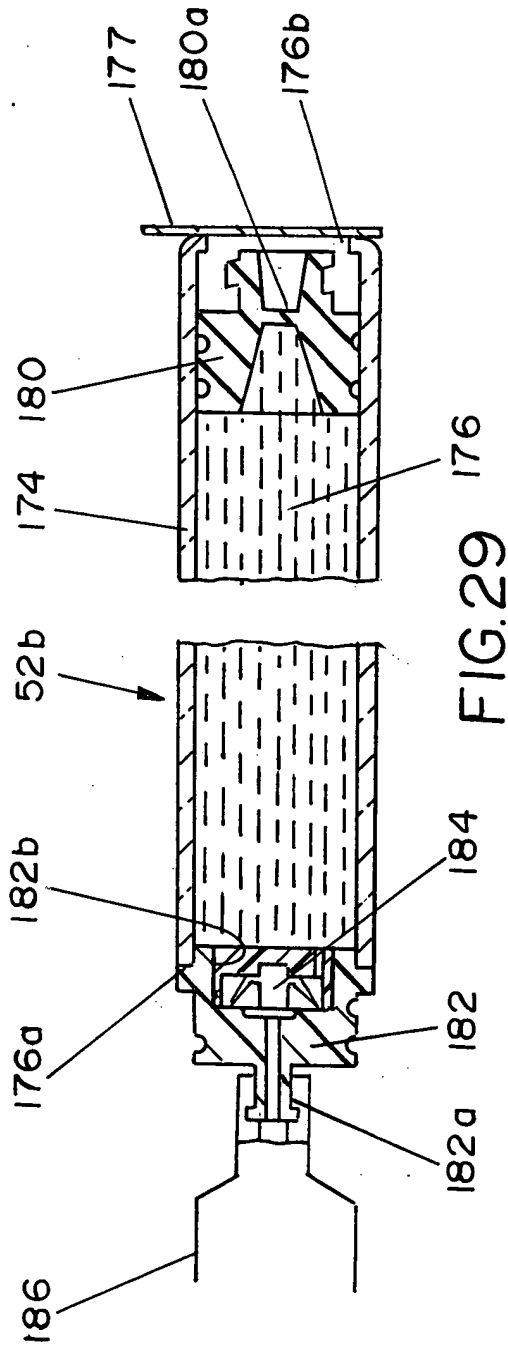


FIG. 29

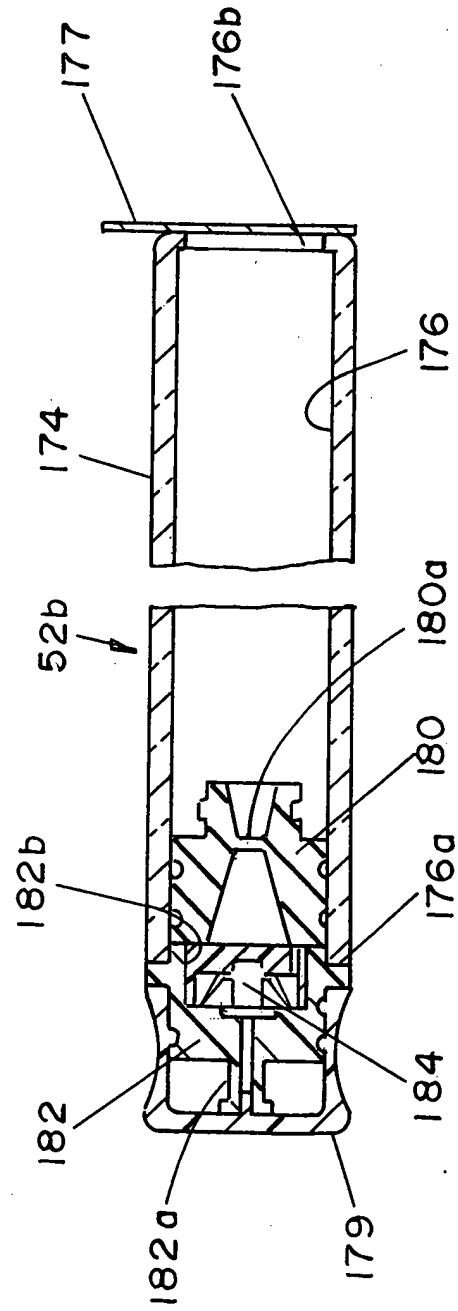


FIG. 30

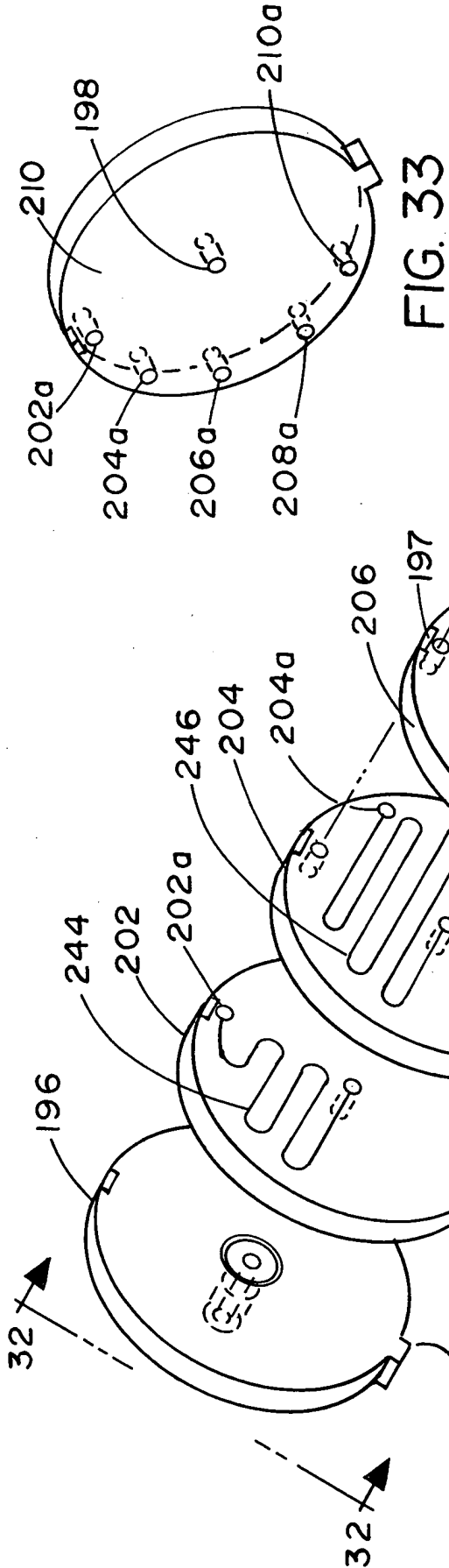


FIG. 33

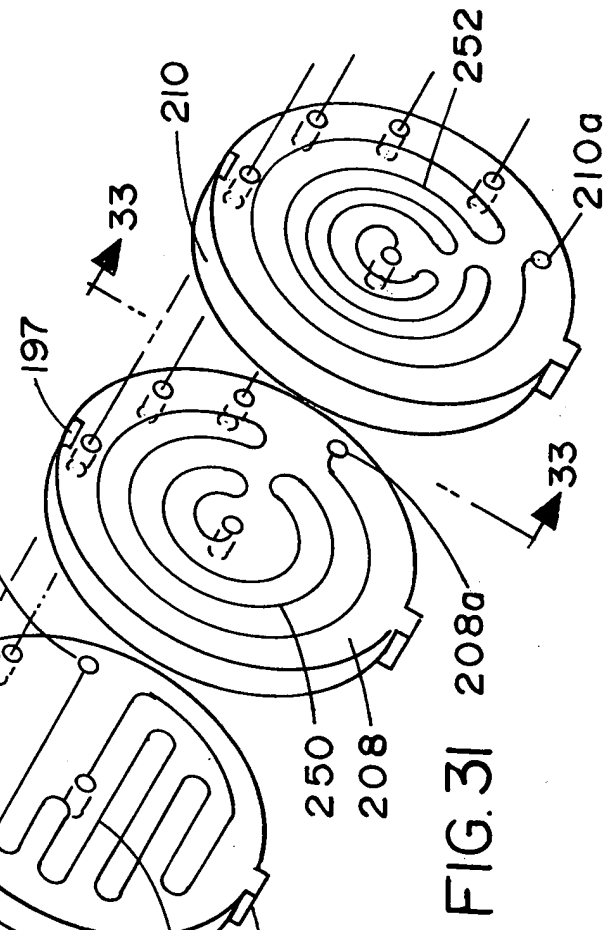


FIG. 31

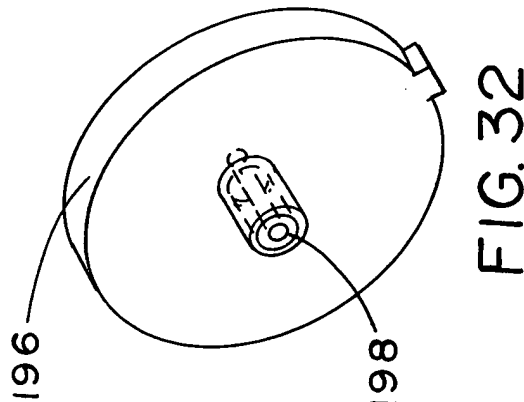


FIG. 32

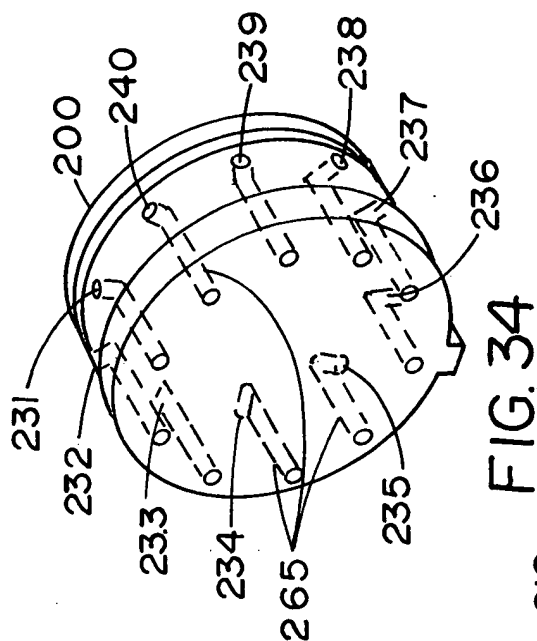


FIG. 34

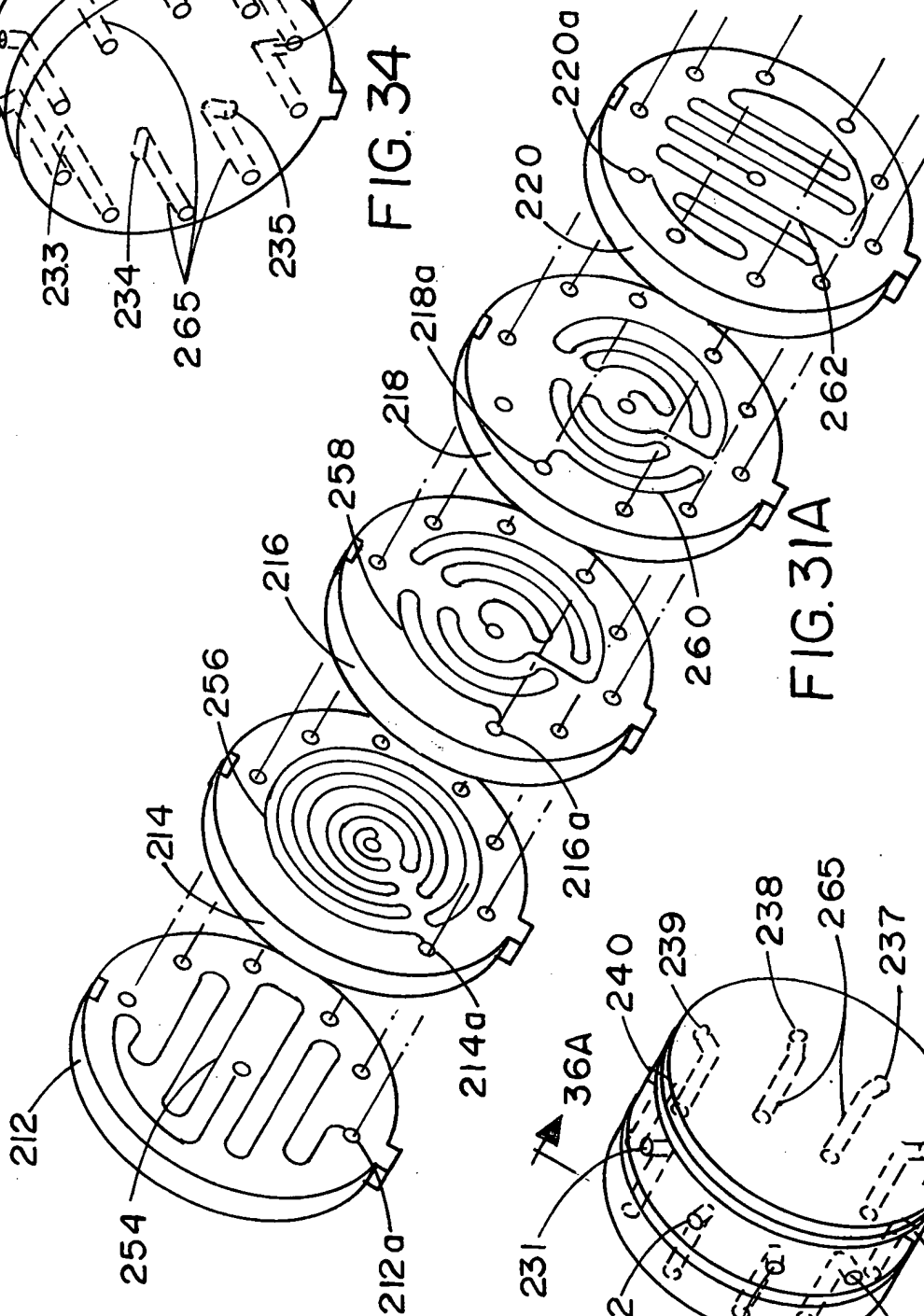


FIG. 31A

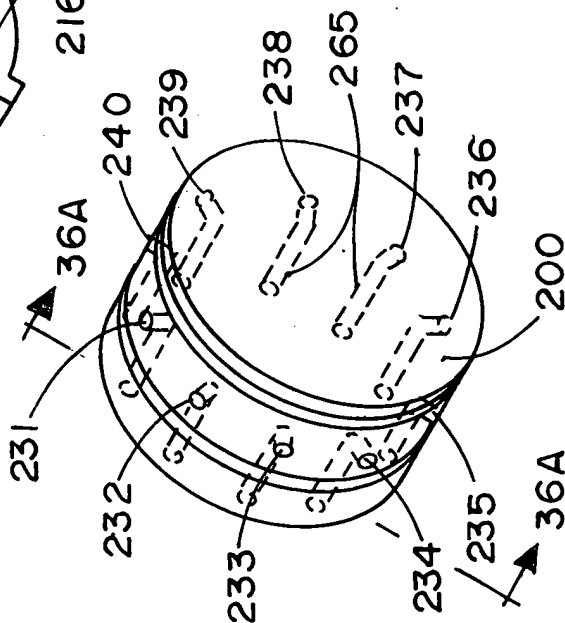


FIG. 35

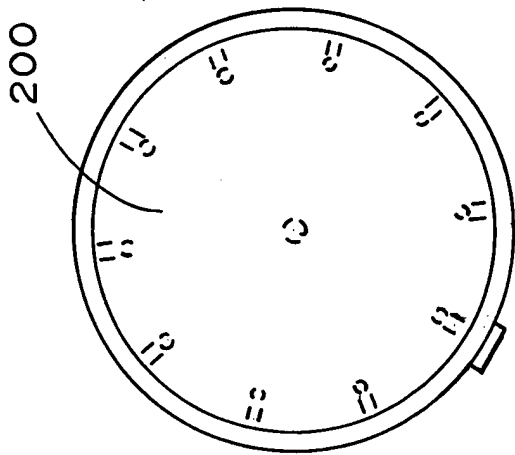


FIG. 36A

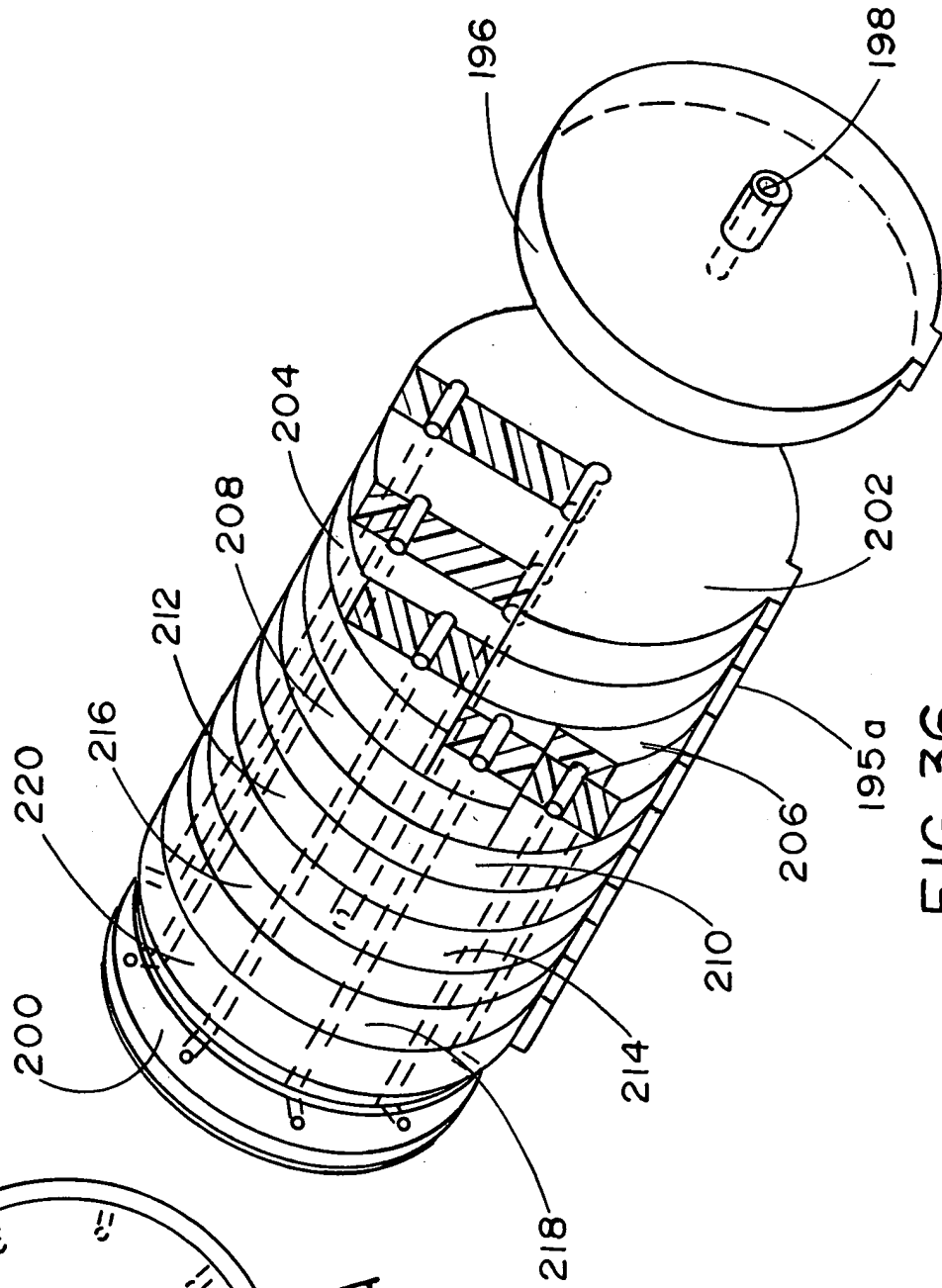
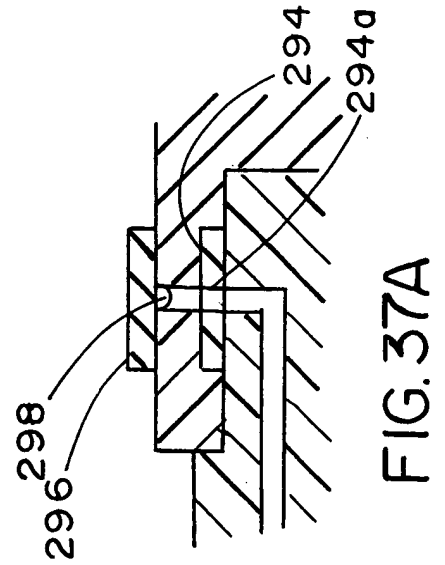
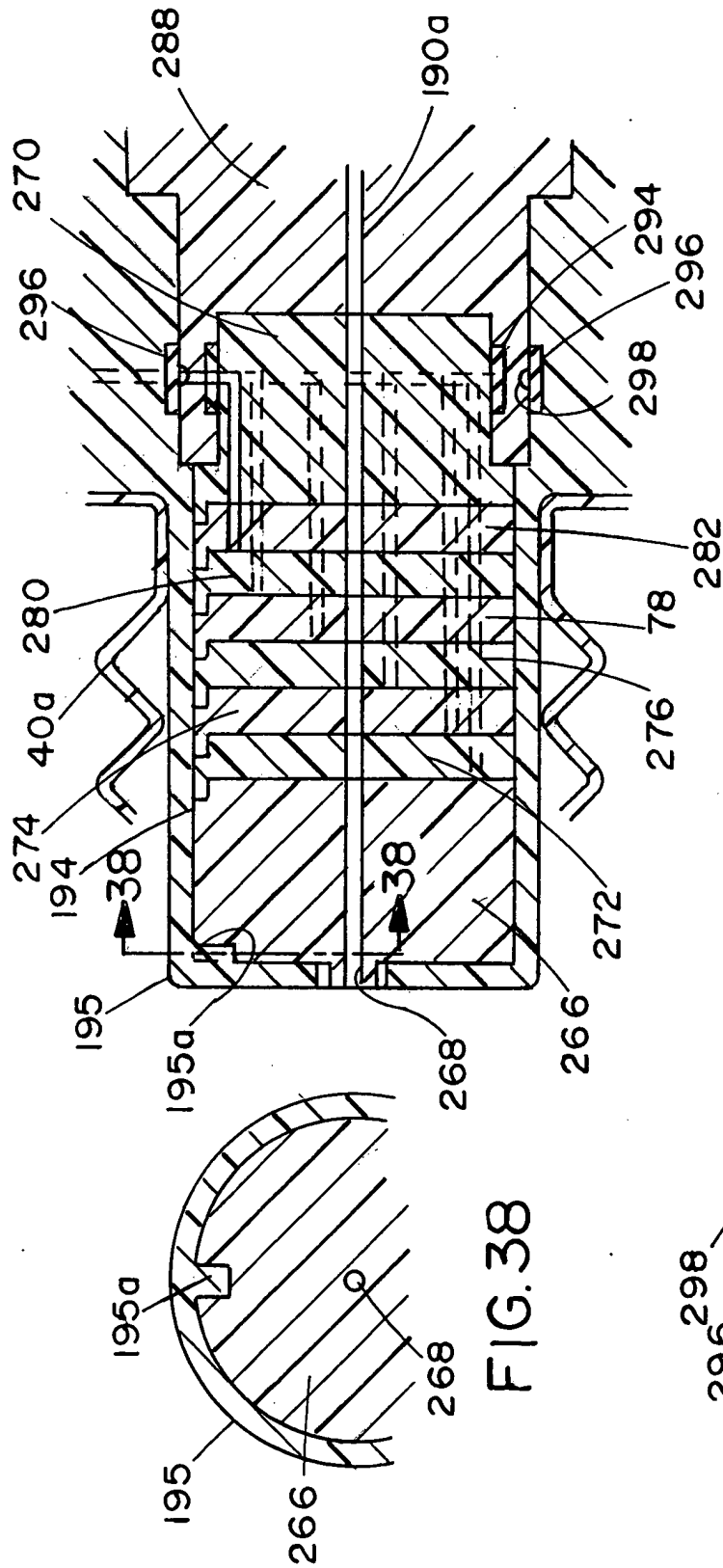


FIG. 36



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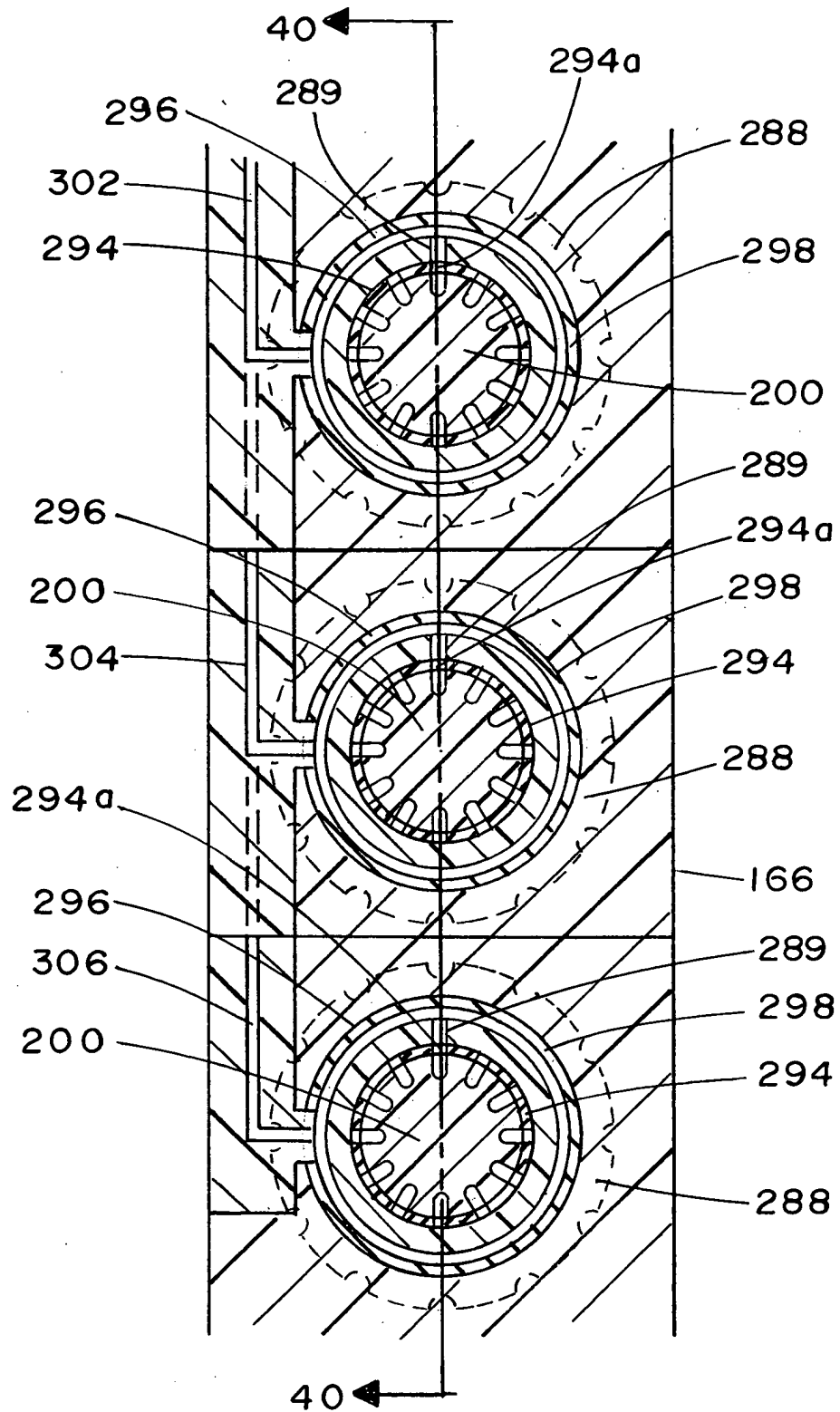
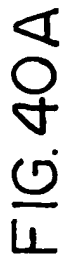


FIG. 39



FIG. 40



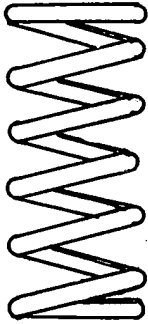
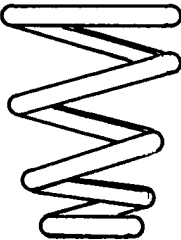
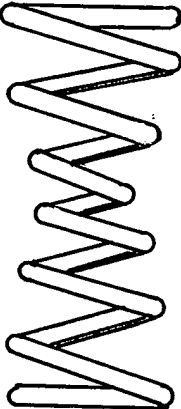
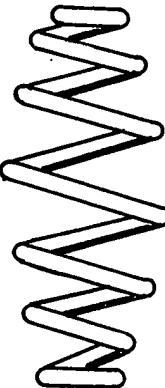
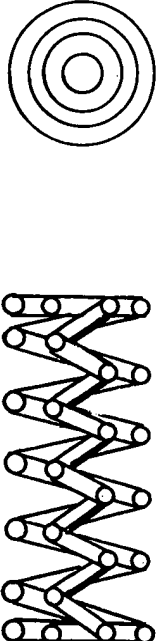
A CONFIG.	COMPRESSION SPRING	
B CONFIG.	CONICAL COMP. SPRING	
C CONFIG.	CONCAVE CONFIGURATION	
D CONFIG.	CONVEX CONFIGURATION	
E CONFIG.	SPRING IN A SPRING CONFIG.	

FIG. 41A

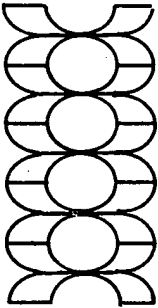
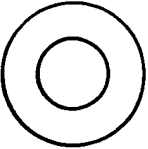
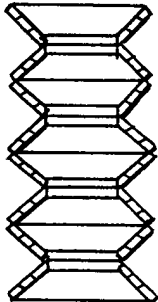
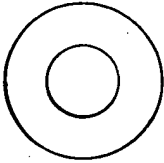
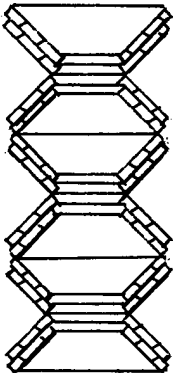
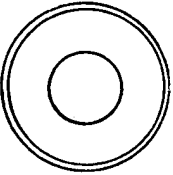
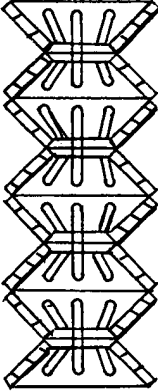
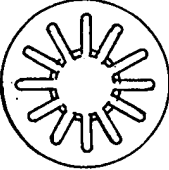
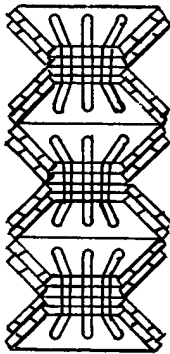
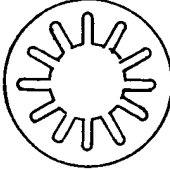
F CONFIG.	MULTIWAVE COMP. SPRING	 
G CONFIG.	BELLEVILLE SPRING WASHER	 
H CONFIG.	BELLEVILLE WASHER (STACKED)	 
I CONFIG.	DISC-SPRING (INT. TOOTH)	 
J CONFIG.	DISC-SPRING (INT. TOOTH) STACKED	 

FIG. 41B

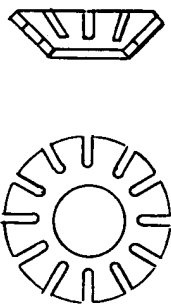
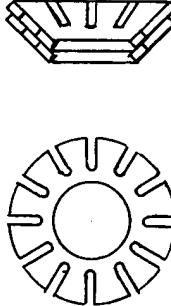

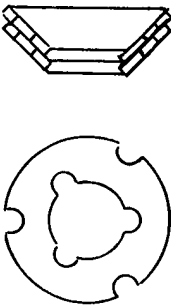
K CONFIG.	DISC. SPRING EXTERNAL TOOTH	
L CONFIG.	DISC SPRING EXT. TOOTH STACKED	
M CONFIG.	CLOVER SPRING WASHER	
N CONFIG.	CLOVER SPRING WASHER (STACKED)	

FIG. 41C

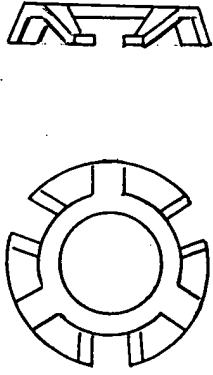
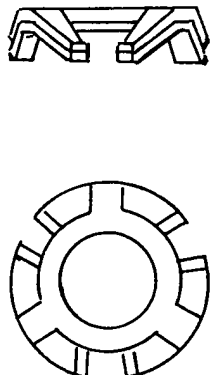
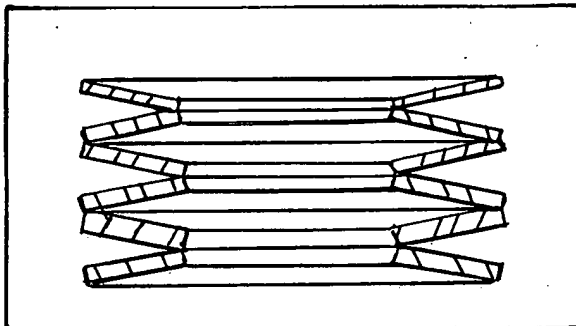
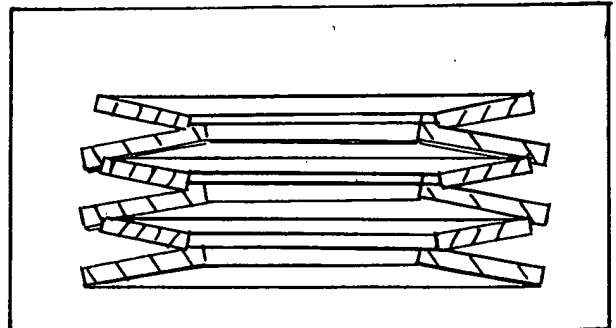
O CONFIG.	FINGER SPRING WASHER	
P CONFIG.	FINGER SPRING WASHER (STACKED)	

FIG. 41D

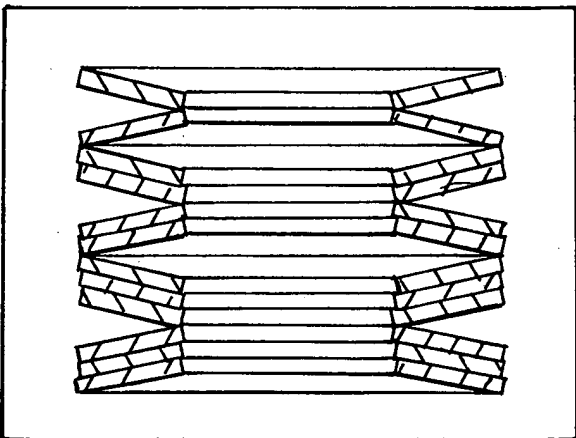
(A) DISC SPRING STACK CONSISTING OF DISC SPRINGS OF DIFFERENT THICKNESSES.



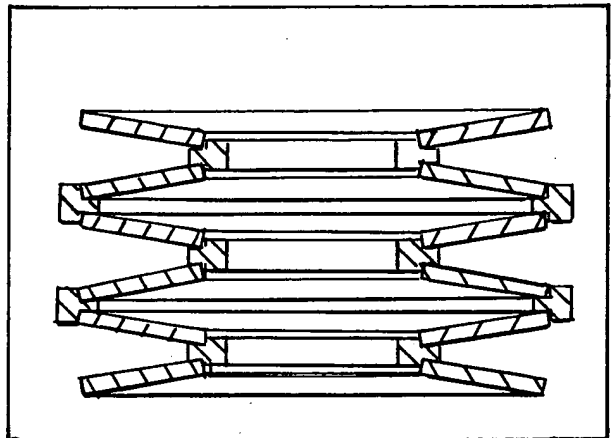
(D) GUIDING BY CYLINDRICAL "SHOULDERS" AT THE INSIDE & OUTSIDE DIA'S.



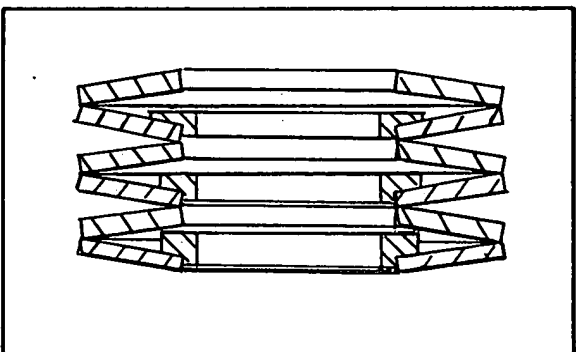
(B) DISC SPRING STACKS OF PARALLEL COMPONENTS OF DIFFERENT NUMBERS OF DISC SPRINGS ARRANGED IN SERIES.



(E) GUIDING BY MEANS OF INTER-MEDIATE RINGS.



(C) DISC SPRING STACKS WITH DEFLECTION LIMITING RINGS OF DIFFERENT THICKNESSES



(F) GUIDING BY BALLS OR WIRE RINGS.

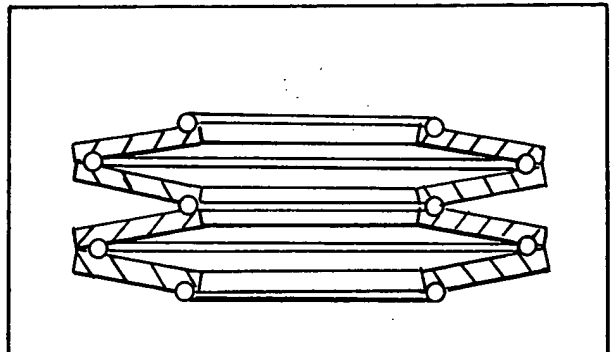


FIG. 41E

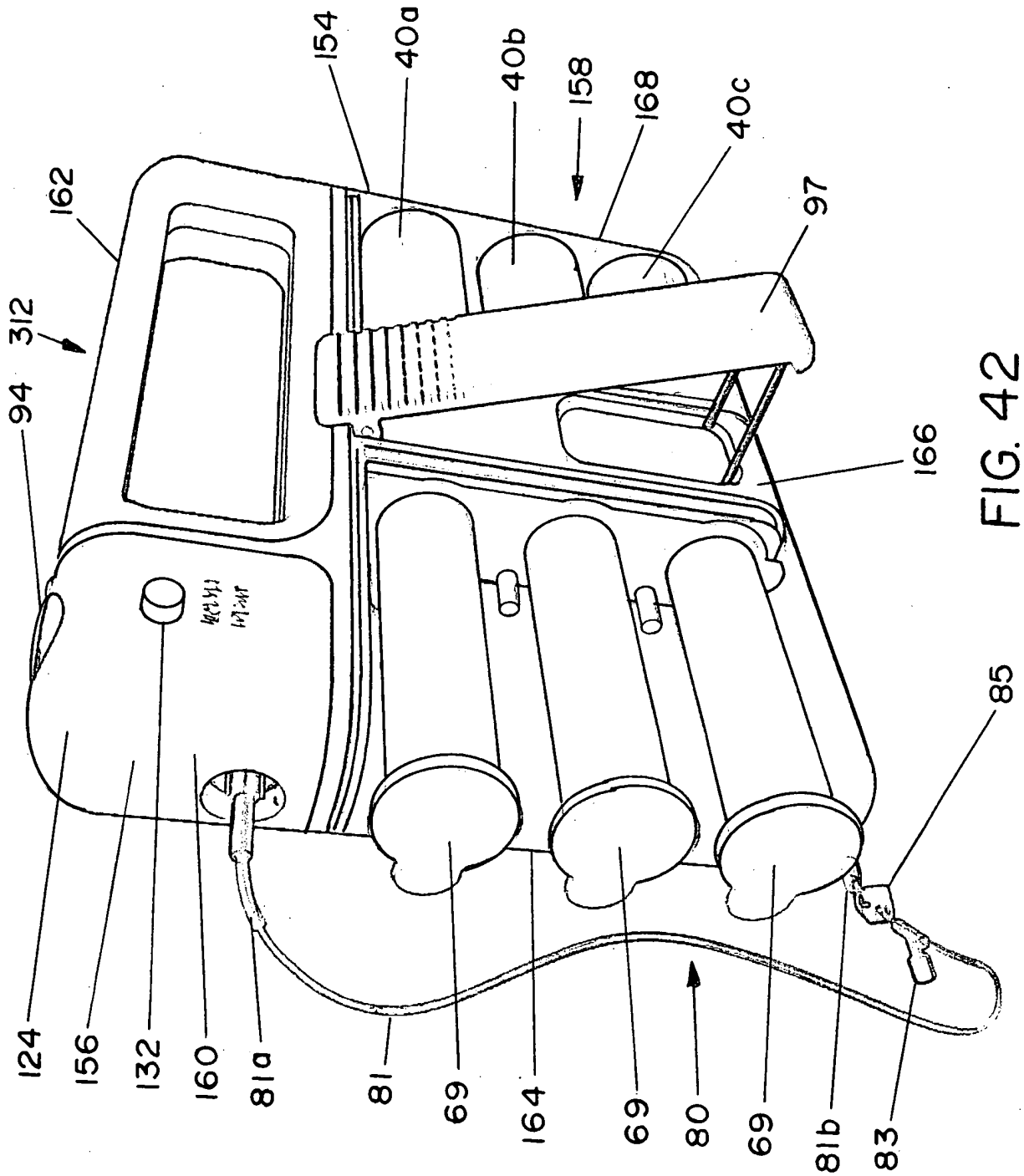


FIG. 42

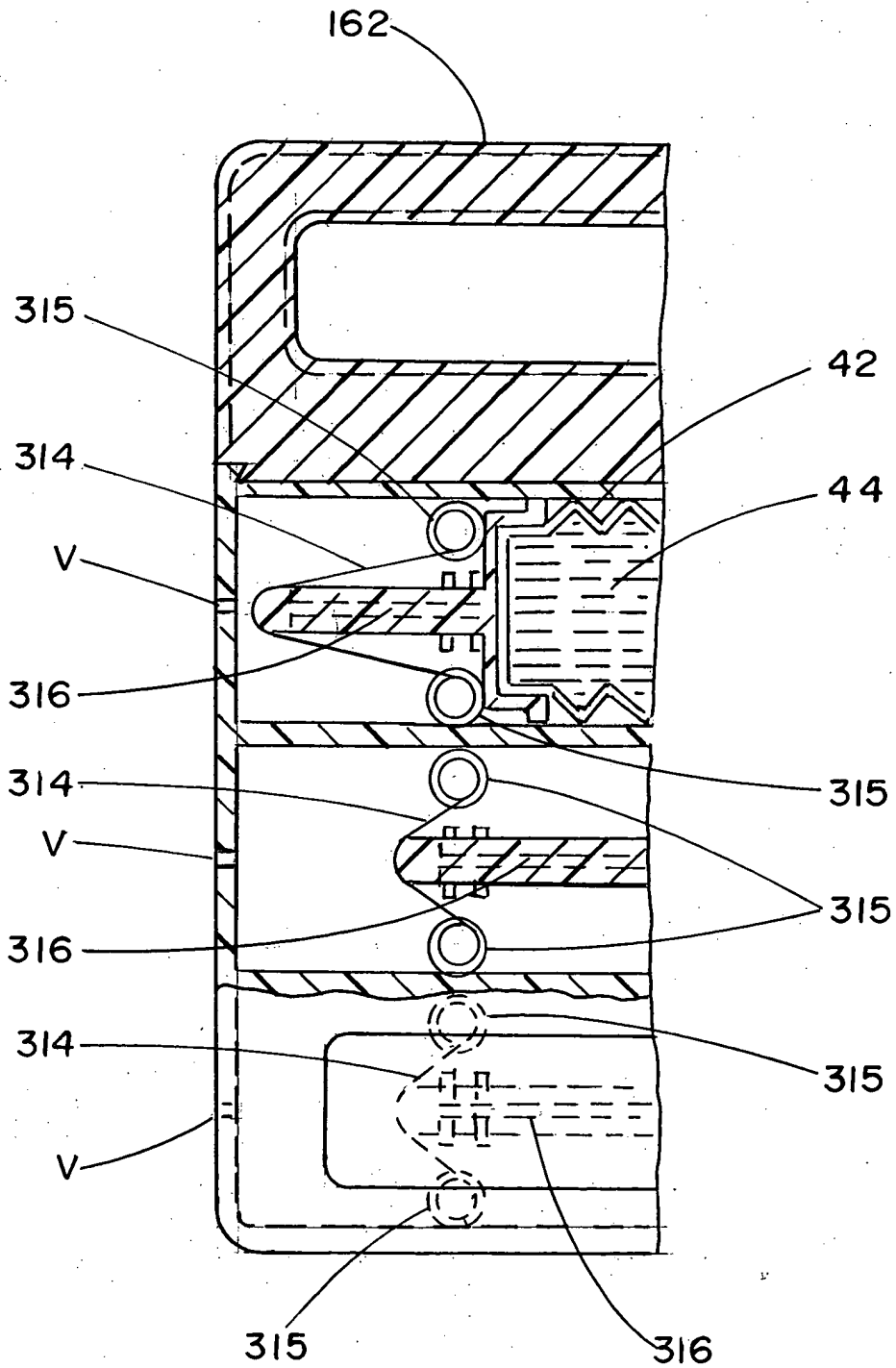


FIG. 43A

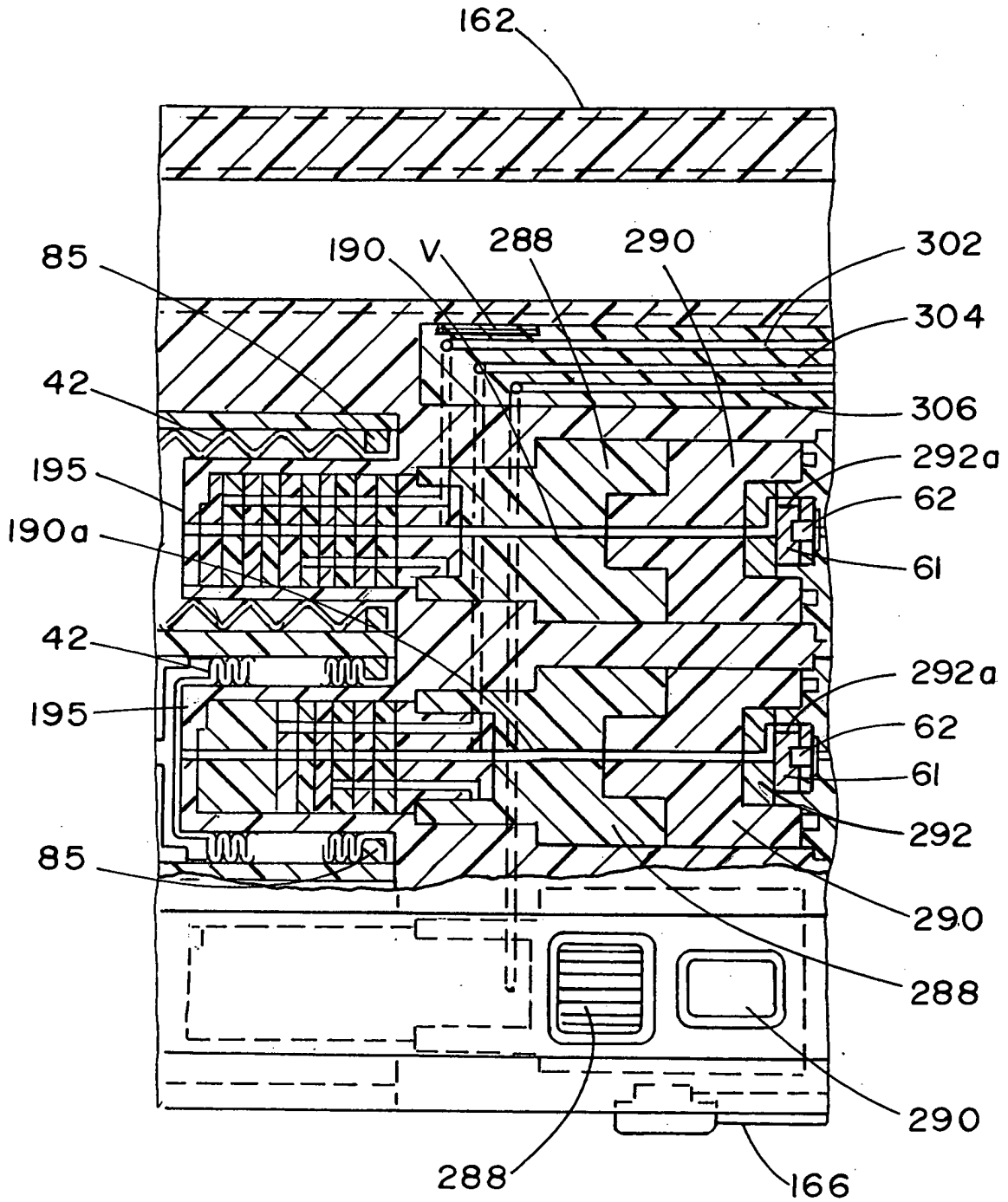


FIG. 43B

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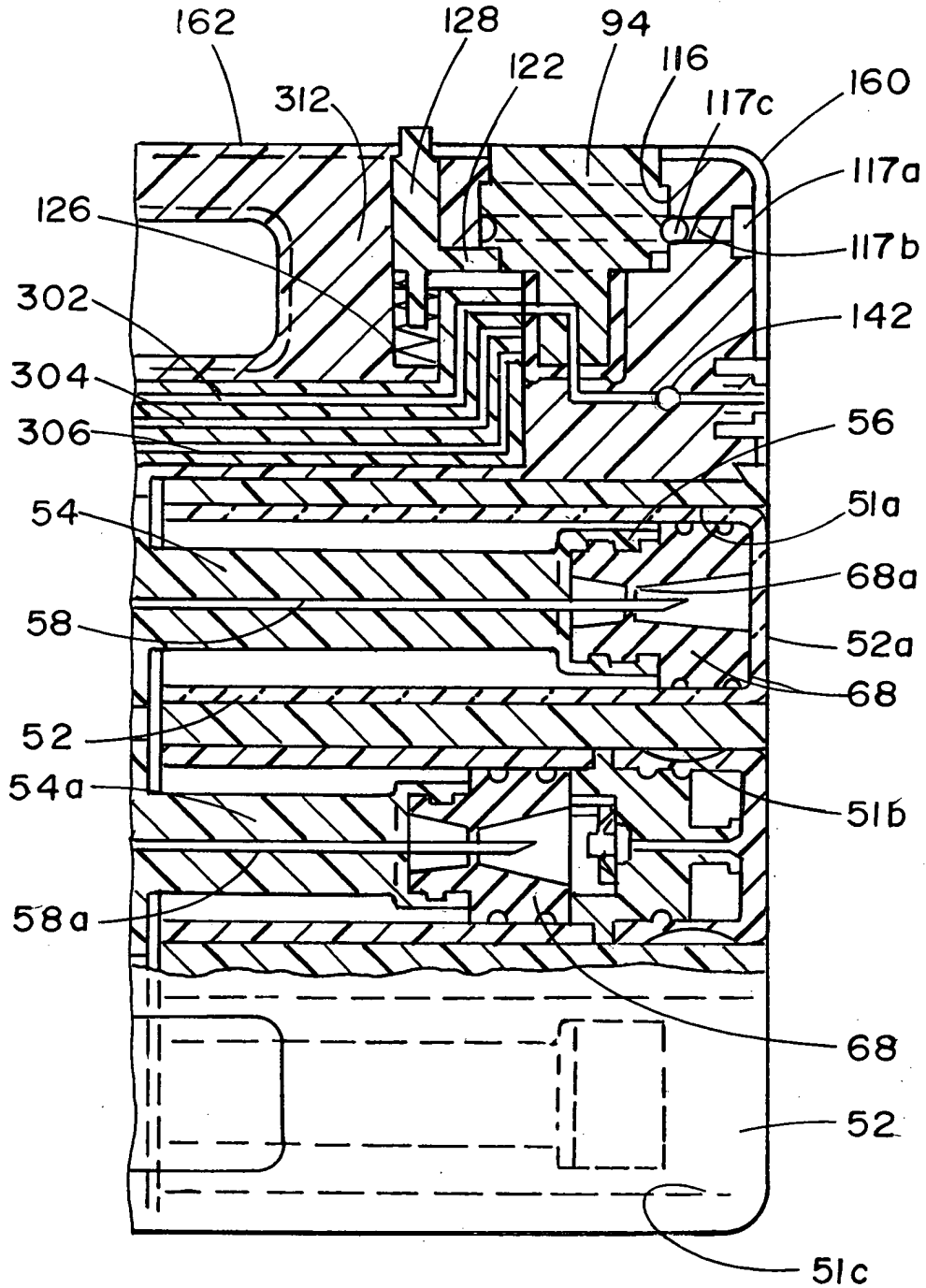
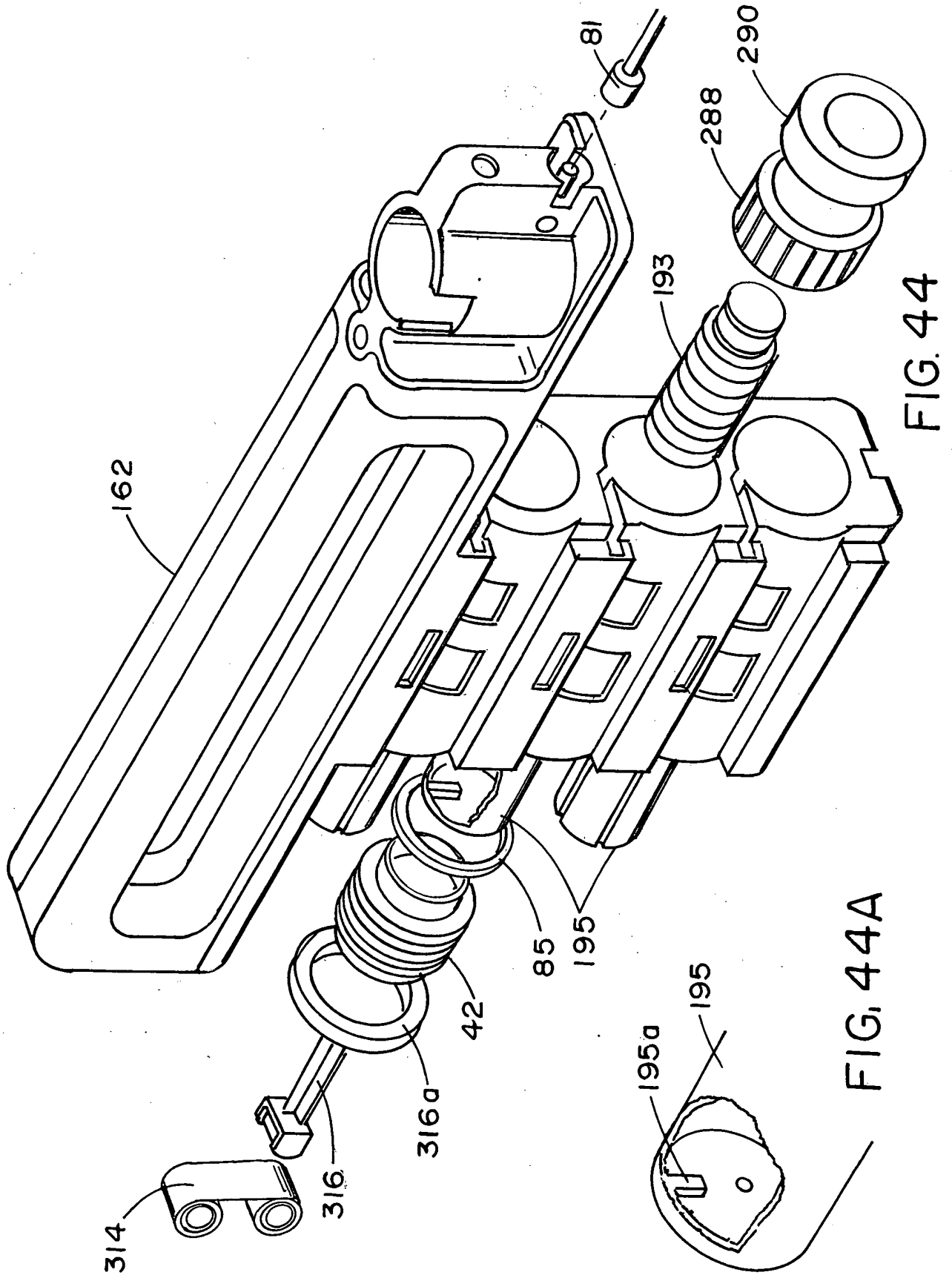
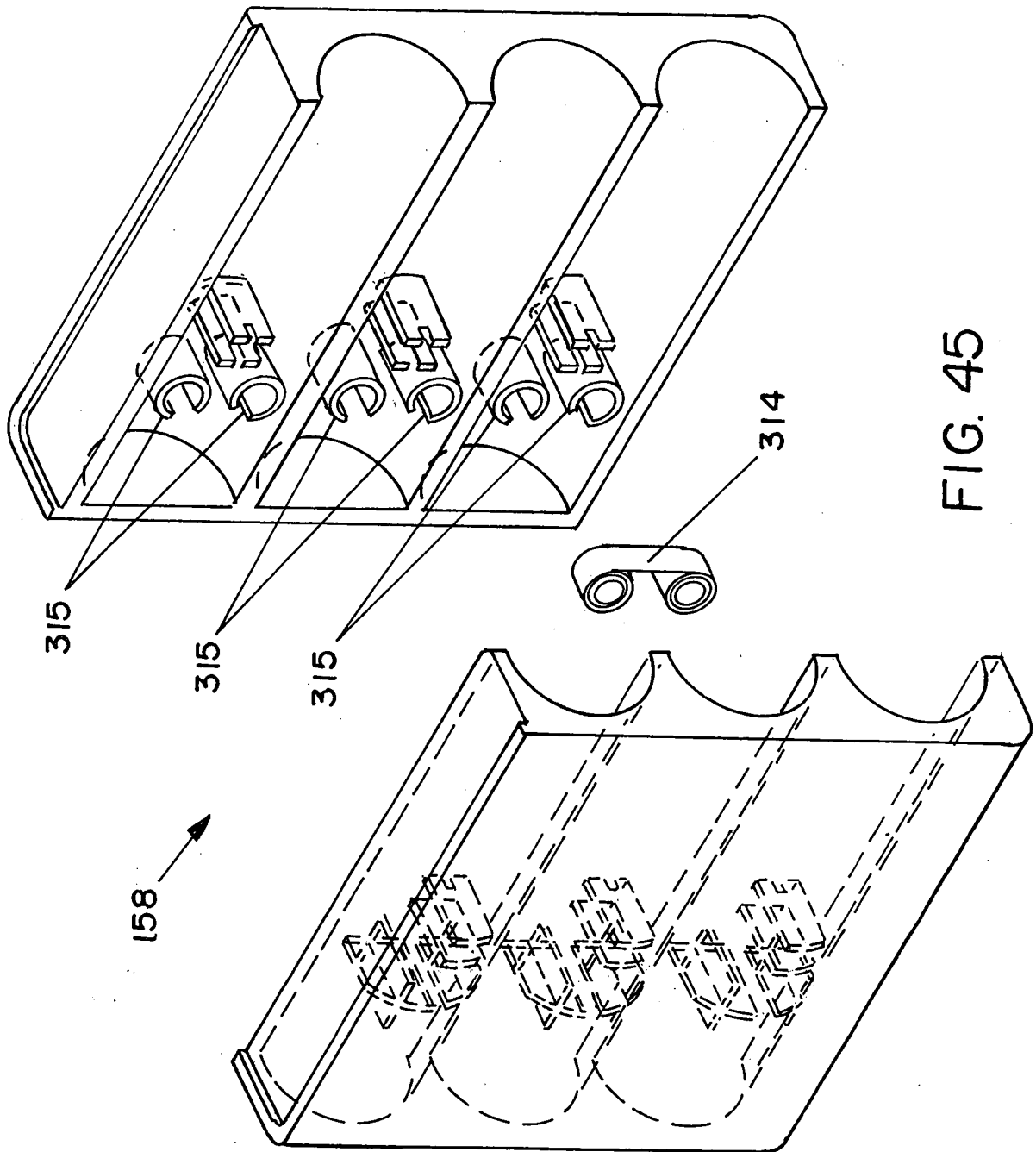


FIG. 43C

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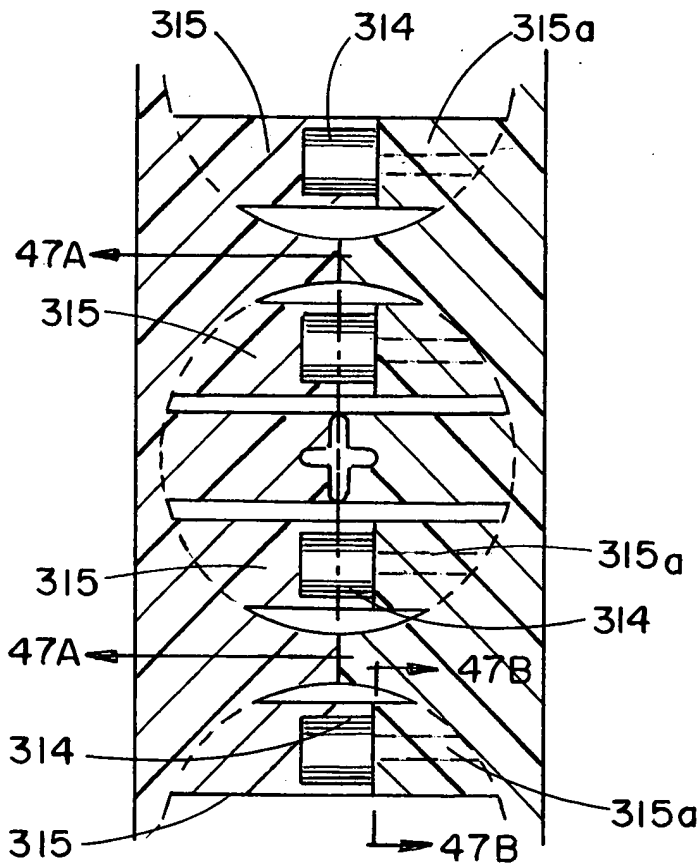


FIG. 46

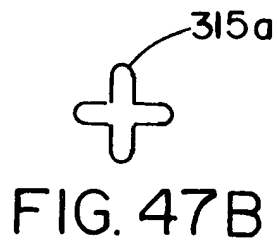


FIG. 47B

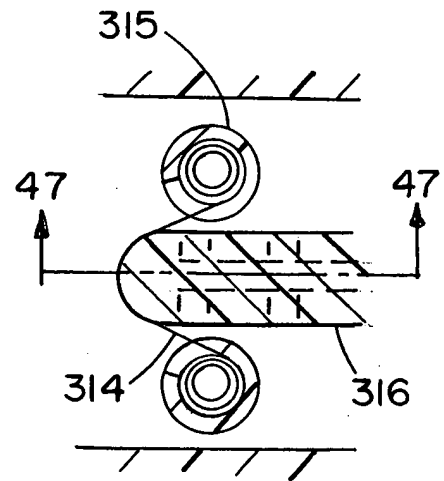


FIG. 47A

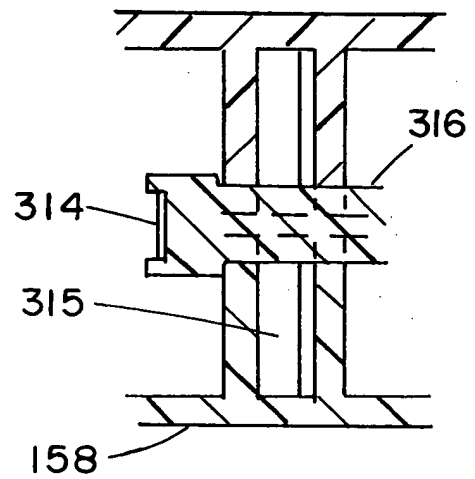


FIG. 47